STIC Search Report
Biotech-Chem Library

STIC Database Tracking Number: 194641

TO: Patricia Duffy
Location: rem/3B05/3C18
Art Unit: 1645
Wednesday, July 12, 2006
Case Serial Number: 10/063549

From: Toby Port
Location: Biotech-Chem Library
REM-1A59
Phone: (571)272-2523

toby.port@uspto.gov

Search Notes

Dear Examiner Duffy,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Toby Port
Technical Information Specialist
STIC Biotech/Chem Library
(571)272-2523

This Page Blank (uspto)

STIC-Biotech/ChemLib

From:	Duffy, Patricia
Sent:	Tuesday; July 04; 2006 3:39 PM
To:	STIC-Biotech/ChemLib
Subject:	SPDI SEQUENCE SEARCH

Importance: High

IN RE: 10/063,549

Please search amino acid residues 23-223 of SEQ ID NO:46

Patricia A. Duffy, Ph.D.
Primary Patent Examiner
571-272-0855,
Remsen 3B05,
Mailbox: 3C18

****
Searcher:_____
Searcher Phone:_____
Date Searcher Picked up:_____
Date completed:_____
Searcher Prep Time:_____
Online Time:_____

****
Type of Search
NA#_____ AA#:_____
S/L:_____ Oligomer:_____
Encode/Transl:_____
Structure #:_____Text:____
Inventor:_____ Litigation:___

****
Vendors and cost where applicable
STN:_____
DIALOG:_____
QUESTEL/ORBIT:_____
LEXIS/NEXIS:_____
SEQUENCE SYSTEM:_____
WWW/Internet:_____
Other (Specify):_____

This Page Blank (uspto)

```
OM protein - protein search, using sw model
Run on:       July 10, 2006, 09:33:41 ; Search time 86 Seconds
                                        (without alignments)
                                        1068.610 Million cell updates/sec

Title:        US-10-063-549-46_23_223
Perfect score: 1067
Sequence:     1 SGPVKELVGSVGGAVTFPLK.........NFSSPILARKLCEGAADDPD 201
Scoring table: BLOSUM62

Searched:     2589679 seqs, 45721429 residues
Total number of hits satisfying chosen parameters:    2589679
Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 1500 summaries
Database :    A_Geneseq_8:*
              1: geneseqp1980s:*
              2: geneseqp1990s:*
              3: geneseqp2000s:*
              4: geneseqp2001s:*
              5: geneseqp2002s:*
              6: geneseqp2003as:*
              7: geneseqp2003bs:*
              8: geneseqp2004s:*

     Pred. No. is the number of results predicted by chance to have a
     score greater than or equal to the score of the result being printed,
     and is derived by analysis of the total score distribution.
                              SUMMARIES

No.   Score  Match Length DB  ID                       Description
RESULT 1
ID   AED97276 standard; protein; 227 AA.
DE   Human CS1 polypeptide #2.
PN   WO200510238?-A2.
PD   03-NOV-2005.
PA   (PROT-) PROTEIN DESIGN LABS INC.
     Query Match          100.0%;  Score 1067;  DB 9;  Length 227;
     Best Local Similarity 100.0%;  Pred. No. 1.7e-99;
RESULT 2
ID   ADS97998 standard; protein; 296 AA.
DE   Protein factor discovery related isolated human polypeptide, SEQ ID 262.
PN   WO200407874-A2.
PD   14-OCT-2004.
PA   (NUVE-) NUVELO INC.
PA   (DRMA/) DRMANAC R T.
     Query Match          100.0%;  Score 1067;  DB 8;  Length 296;
     Best Local Similarity 100.0%;  Pred. No. 2.4e-99;
RESULT 3
ID   ABB97473 standard; protein; 328 AA.
DE   Novel human protein SEQ ID NO: 741.
PN   WO200222660-A2.
PD   21-MAR-2002.
PA   (HYSE-) HYSEQ INC.
     Query Match          100.0%;  Score 1067;  DB 5;  Length 328;
     Best Local Similarity 100.0%;  Pred. No. 2.8e-99;
RESULT 4
ID   ADS98765 standard; protein; 328 AA.
DE   Protein factor discovery related human contig polypeptide, SEQ ID 1029.
PN   WO200407874-A2.
PD   14-OCT-2004.
PA   (NUVE-) NUVELO INC.
PA   (DRMA/) DRMANAC R T.
     Query Match          100.0%;  Score 1067;  DB 8;  Length 328;
     Best Local Similarity 100.0%;  Pred. No. 2.8e-99;
RESULT 5
ID   AAY66701 standard; protein; 335 AA.
DE   Membrane-bound protein PRO1138.
PN   WO9963088-A2.
PD   09-DEC-1999.
PA   (GETH ) GENENTECH INC.
     Query Match          100.0%;  Score 1067;  DB 3;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 6
```

```
ID   AAY70431 standard; protein; 335 AA.
DE   Human cell surface immunomodulator-1 (CSIMM-1).
PN   WO200011150-A1.
PD   02-MAR-2000.
PA   (INCY-) INCYTE PHARM INC.
     Query Match          100.0%;  Score 1067;  DB 3;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 7
ID   AAY44609 standard; protein; 335 AA.
DE   Human myocardium protein-7.
PN   WO967387-A2.
PD   29-DEC-1999.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match          100.0%;  Score 1067;  DB 3;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 8
ID   AAU29119 standard; protein; 335 AA.
DE   Human PRO polypeptide sequence #96.
PN   WO200168848-A2.
PD   20-SEP-2001.
PA   (GETH ) GENENTECH INC.
     Query Match          100.0%;  Score 1067;  DB 4;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 9
ID   AAB87548 standard; protein; 335 AA.
DE   Human PRO1138.
PN   WO200116318-A2.
PD   08-MAR-2001.
PA   (GETH ) GENENTECH INC.
     Query Match          100.0%;  Score 1067;  DB 4;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 10
ID   AAB47321 standard; protein; 335 AA.
DE   APEX-1.
PN   WO200146260-A2.
PD   28-JUN-2001.
PA   (BRIM ) BRISTOL-MYERS SQUIBB CO.
     Query Match          100.0%;  Score 1067;  DB 4;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 11
ID   AAB65224 standard; protein; 335 AA.
DE   Human PRO1138 (UNQ576) protein sequence SEQ ID NO:253.
PN   WO200073454-A1.
PD   07-DEC-2000.
PA   (GETH ) GENENTECH INC.
     Query Match          100.0%;  Score 1067;  DB 4;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 12
ID   ABG95873 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138.
PN   US2002119130-A1.
PD   29-AUG-2002.
PA   (GETH ) GENENTECH INC.
     Query Match          100.0%;  Score 1067;  DB 5;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 13
ID   ABU58495 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US200302127-A1.
PD   06-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match          100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 14
ID   ABU88043 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US200303127-A1.
PD   13-FEB-2003.
     Query Match          100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 15
ID   ABU84358 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US200303112-A1.
```

PD 13-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 16
ID ABR66232 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003027278-A1.
PD 06-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 17
ID ABR65622 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003036159-A1.
PD 20-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 18
ID ABU99562 standard; protein; 335 AA.
DE Human secreted or transmembrane protein (PRO) #96.
PN US2003040070-A1.
PD 27-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 19
ID ABU58039 standard; protein; 335 AA.
DE Human PRO polypeptide #71.
PN US2003027163-A1.
PD 06-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 20
ID ABU59117 standard; protein; 335 AA.
DE Novel human secreted or transmembrane protein PRO1138.
PN US2002132252-A1.
PD 19-SEP-2002.
PA (GETH) GENENTECH INC.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 21
ID ABU82629 standard; protein; 335 AA.
DE Human secreted/transmembrane protein PRO1138.
PN US2003032023-A1.
PD 13-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 22
ID ABU82801 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003032113-A1.
PD 13-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 23
ID ABU89922 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003027264-A1.
PD 06-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 24
ID ABR68171 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003036147-A1.
PD 20-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 25
ID ABU60548 standard; protein; 335 AA.
DE Human secreted/transmembrane protein, #100.
PN US2002160384-A1.
PD 31-OCT-2002.
PA (GETH) GENENTECH INC.

Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 26
ID ABU96224 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003036144-A1.
PD 20-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 27
ID ABU92655 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003036149-A1.
PD 20-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 28
ID ABO08732 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003044923-A1.
PD 06-MAR-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 29
ID ABO02784 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003040062-A1.
PD 27-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 30
ID ABR74938 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003044056-A1.
PD 27-FEB-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 31
ID ABR94700 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003044926-A1.
PD 06-MAR-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 32
ID ABU13930 standard; protein; 335 AA.
DE Human PRO1138 polypeptide.
PN US2002103125-A1.
PD 01-AUG-2002.
PA (GETH) GENENTECH LTD.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 33
ID ABU85673 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003036140-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 34
ID ABU98833 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003013153-A1.
PD 16-JAN-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 35
ID ABU98048 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003017544-A1.
PD 23-JAN-2003.
Query Match   100.0%; Score 1067; DB 6; Length 335;

Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 36
ID   ABU91754 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003027277-A1.
PD   06-FEB-2003.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 37
ID   ABU89447 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003036141-A1.
PD   20-FEB-2003.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 38
ID   ABU86288 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036146-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 39
ID   ABU67501 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036162-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 40
ID   ABU80529 standard; protein; 335 AA.
DE   Human PRO protein #96.
PN   US2003036137-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 41
ID   ABU72515 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003003531-A1.
PD   02-JAN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 42
ID   ABU90898 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003018173-A1.
PD   23-JAN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 43
ID   ABO33957 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138.
PN   US2003009013-A1.
PD   09-JAN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 44
ID   ABR99447 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003040063-A1.
PD   27-FEB-2003.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 45
ID   ABR98837 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.

PN   US2003040064-A1.
PD   27-FEB-2003.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 46
ID   ABO16360 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003027267-A1.
PD   06-FEB-2003.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 47
ID   ABR92260 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003036160-A1.
PD   20-FEB-2003.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 48
ID   ABO18901 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003044925-A1.
PD   06-MAR-2003.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 49
ID   ABR78322 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003054474-A1.
PD   20-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 50
ID   ABU71974 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003018183-A1.
PD   23-JAN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 51
ID   ABU85058 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003032114-A1.
PD   13-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 52
ID   ABO00197 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003032101-A1.
PD   13-FEB-2003.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 53
ID   ABO11529 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036124-A1.
PD   20-FEB-2003.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 54
ID   ABO02174 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003040054-A1.
PD   27-FEB-2003.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 55
ID   ABU88748 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003036133-A1.

```
PD   20-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 56
ID   ABU83443 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036134-A1.
PD   20-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 57
ID   ABO06244 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003022294-A1.
PD   30-JAN-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 58
ID   ABR59280 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003027275-A1.
PD   06-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 59
ID   ABO09342 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003027324-A1.
PD   06-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 60
ID   ABO19206 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003036118-A1.
PD   20-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 61
ID   ABO11224 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036123-A1.
PD   20-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 62
ID   ABR66842 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003036148-A1.
PD   20-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 63
ID   ABO16055 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003040060-A1.
PD   27-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 64
ID   ABO13761 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003044916-A1.
PD   06-MAR-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 65
ID   ABU71528 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138.
PN   US2003013855-A1.
PD   16-JAN-2003.
PA   (GETH ) GENENTECH INC.

     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 66
ID   ABU65664 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein, SEQ ID 192
PN   US2003036156-A1.
PD   20-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 67
ID   ABO07512 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003032117-A1.
PD   13-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 68
ID   ABO03699 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036128-A1.
PD   20-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 69
ID   ABR67147 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003027266-A1.
PD   06-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 70
ID   ABO15750 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003054483-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 71
ID   ABU56031 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein, PRO1138.
PN   US2003302298-A1.
PD   30-JAN-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 72
ID   ABU72309 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2002182638-A1.
PD   05-DEC-2002.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 73
ID   ABU65359 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003032102-A1.
PD   13-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 74
ID   ABU95304 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN.  US2003036117-A1.
PD   20-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 75
ID   ABU71207 standard; protein; 335 AA.
DE   Human PRO1138 protein.
PN   US2003036143-A1.
PD   20-FEB-2003.
     Query Match             100.0%;  Score 1067; DB 6;  Length 335;
```

Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 76
ID ABO07817 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003032130-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 77
ID ABR70058 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003033138-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 78
ID ABR69391 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003036132-A1.
PD 20-FEB-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 79
ID ABO01532 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003008353-A1.
PD 09-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 80
ID ABU81334 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003017542-A1.
PD 23-JAN-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 81
ID ABR60131 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003032137-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 82
ID ABU90982 standard; protein; 335 AA.
DE Human PRO polypeptide #23.
PN US2003018168-A1.
PD 23-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 83
ID ABR67866 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003027269-A1.
PD 06-FEB-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 84
ID ABR65254 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003027268-A1.
PD 06-FEB-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 85
ID ABR68476 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003027274-A1.
PD 06-FEB-2003.
Query Match   Score 1067;   DB 6;   Length 335;

Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 86
ID ABR71888 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003032135-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 87
ID ABU59264 standard; protein; 335 AA.
DE Human secreted/transmembrane protein, #100.
PN US2003027162-A1.
PD 06-FEB-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 88
ID ABU85368 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003022295-A1.
PD 30-JAN-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 89
ID ABU89058 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003022297-A1.
PD 30-JAN-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 90
ID ABU83138 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003032105-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 91
ID ABU94994 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003032123-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 92
ID ABU90542 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003032108-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 93
ID ABU84053 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003032111-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 94
ID ABU93704 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003032119-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity   100.0%;   Score 1067;   DB 6;   Length 335;
                                     Pred. No. 2.9e-99;
RESULT 95
ID ABO25961 standard; protein; 335 AA.
DE Human PRO1138 polypeptide.
PN US2002127576-A1.
PD 12-SEP-2002.
PA (GETH) GENENTECH INC.
Query Match   Score 1067;   DB 6;   Length 335;

```
                     Best Local Similarity    100.0%;         Pred. No. 2.9e-99;
RESULT 96
ID   ABR64949 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003027263-A1.
PD   06-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 97
ID   ABO27303 standard; protein; 335 AA.
DE   Human secreted/transmembrane polypeptide PRO138.
PN   US2003009012-A1.
PD   09-JAN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 98
ID   ABR68781 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003027271-A1.
PD   06-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 99
ID   ABO06597 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036125-A1.
PD   20-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 100
ID   ABR99142 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003040068-A1.
PD   27-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 101
ID   ABU57026 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003027280-A1.
PD   06-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 102
ID   ABU85978 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003022300-A1.
PD   30-JAN-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 103
ID   ABU82265 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003036136-A1.
PD   20-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 104
ID   ABU87276 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003036138-A1.
PD   20-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 105
ID   ABU83748 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003032109-A1.
PD   13-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 106


ID   ABO08122 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PD   US2003040066-A1.
     27-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 107
ID   ABU92498 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO138.
PN   US2003045684-A1.
PD   06-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 108
ID   ABU81833 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003032104-A1.
PD   13-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 109
ID   ABU65997 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003036157-A1.
PD   20-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 110
ID   ABU81168 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138.
PN   US2003027212-A1.
PD   06-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 111
ID   ABR59826 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003032120-A1.
PD   13-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 112
ID   ABU94014 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003036155-A1.
PD   20-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 113
ID   ABU99867 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003022296-A1.
PD   30-JAN-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 114
ID   ABR66537 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003027281-A1.
PD   06-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 115
ID   ABR90955 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003040058-A1.
PD   27-FEB-2003.
     Query Match
     Best Local Similarity    100.0%;         Score 1067;  DB 6;   Length 335;
                              100.0%;         Pred. No. 2.9e-99;
RESULT 116
```

```
ID   ABO53283 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO138.
PN   US2003027986-A1.
PD   06-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 117
ID   ABU58970 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein, #100.
PN   US200214961-A1.
PD   03-OCT-2002.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 118
ID   ABU94382 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003017540-A1.
PD   23-JAN-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 119
ID   ABU79264 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003032106-A1.
PD   13-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 120
ID   ABU86593 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003032129-A1.
PD   13-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 121
ID   ABU86898 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003032131-A1.
PD   13-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 122
ID   ABU94687 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003032103-A1.
PD   13-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 123
ID   ABO04614 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003032107-A1.
PD   13-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 124
ID   ABR70363 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003032139-A1.
PD   13-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 125
ID   ABU92348 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003022187-A1.
PD   30-JAN-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 126
ID   ABU98528 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003022301-A1.
PD   30-JAN-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 127
ID   ABR65927 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003036165-A1.
PD   20-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 128
ID   ABR64644 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003027262-A1.
PD   06-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 129
ID   ABU59413 standard; protein; 335 AA.
DE   Novel human secreted or transmembrane protein PRO1054.
PN   US2003027985-A1.
PD   06-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 130
ID   ABU79569 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003032110-A1.
PD   13-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 131
ID   ABU92960 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036142-A1.
PD   20-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 132
ID   ABU95919 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003036145-A1.
PD   20-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 133
ID   ABU91139 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003036154-A1.
PD   20-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 134
ID   ABU90232 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003036153-A1.
PD   20-FEB-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 135
ID   ABO09647 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003044931-A1.
PD   06-MAR-2003.
     Query Match           100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 136
ID   ABR58417 standard; protein; 335 AA.
DE   Human NOV27a.
PN   WO2003029423-A2.
```

PD   10-APR-2003.
PA   (CURA-) CURAGEN CORP.
     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 137
ID   ABO10919 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036150-A1.
PD   20-FEB-2003.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 138
ID   ABR70973 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003040069-A1.
PD   27-FEB-2003.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 139
ID   ABU98285 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2002183493-A1.
PD   05-DEC-2002.
PA   (GETH) GENENTECH INC.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 140
ID   ABU87581 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003022293-A1.
PD   30-JAN-2003.
PA   (GETH) GENENTECH INC.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 141
ID   ABU91449 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003032128-A1.
PD   13-FEB-2003.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 142
ID   ABU89290 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003036634-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 143
ID   ABU84663 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003032116-A1.
PD   13-FEB-2003.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 144
ID   ABR69753 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003032122-A1.
PD   13-FEB-2003.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 145
ID   ABU80130 standard; protein; 335 AA.
DE   Human PRO protein #96.
PN   US2003036139-A1.
PD   20-FEB-2003.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 146
ID   ABU82497 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2002183494-A1.

PD   05-DEC-2002.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 147
ID   ABU92179 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003017476-A1.
PD   23-JAN-2003.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 148
ID   ABU93399 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003017541-A1.
PD   23-JAN-2003.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 149
ID   ABO09952 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003017543-A1.
PD   23-JAN-2003.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 150
ID   ABO09037 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036152-A1.
PD   20-FEB-2003.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 151
ID   ABU96461 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003027993-A1.
PD   06-FEB-2003.
PA   (GETH) GENENTECH INC.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 152
ID   ABU10885 standard; protein; 335 AA.
DE   Human PRO polypeptide #71.
PN   US2002123463-A1.
PD   05-SEP-2002.
PA   (GETH) GENENTECH INC.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 153
ID   ABU10605 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein #96.
PN   US2002127584-A1.
PD   12-SEP-2002.
PA   (GETH) GENENTECH INC.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 154
ID   ABU81637 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2002177164-A1.
PD   28-NOV-2002.
PA   (GETH) GENENTECH INC.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 155
ID   ABU72131 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003023042-A1.
PD   30-JAN-2003.
PA   (GETH) GENENTECH INC.

     Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 156

```
ID   ABU95614 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003032115-A1.
PD   13-FEB-2003.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 157
ID   ABU96823 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003032140-A1.
PD   13-FEB-2003.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 158
ID   ABR70668 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003040076-A1.
PD   27-FEB-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 159
ID   ABO05019 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003008352-A1.
PD   09-JAN-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 160
ID   ABO08427 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2002197615-A1.
PD   26-DEC-2002.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 161
ID   ABU88576 standard; protein; 335 AA.
DE   Human secreted and transmembrane polypeptide PRO1138.
PN   US2003017981-A1.
PD   23-JAN-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 162
ID   ABO34090 standard; protein; 335 AA.
DE   Human PRO1138 polypeptide.
PN   US2003032118-A1.
PD   13-FEB-2003.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 163
ID   ABO05634 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003032118-A1.
PD   13-FEB-2003.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 164
ID   ABR74023 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003054455-A1.
PD   20-MAR-2003.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 165
ID   ABR95615 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003036135-A1.
PD   20-FEB-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;

RESULT 166
ID   ABR80912 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049741-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 167
ID   ABR81217 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049743-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 168
ID   ABM00913 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049769-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 169
ID   ABR88515 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068743-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 170
ID   ABM77336 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003054479-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 171
ID   ABO28820 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068685-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 172
ID   ABO31565 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068725-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 173
ID   ABM07982 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068752-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 174
ID   ABO40462 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068682-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 175
```

```
ID    ABO35887 standard; protein; 335 AA.
DE    Human PRO polypeptide #96.
PN    US2003068701-A1.
PD    10-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 176
ID    ABO44026 standard; protein; 335 AA.
DE    Human PRO polypeptide #96.
PN    US2003068755-A1.
PD    10-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 177
ID    ADA77944 standard; protein; 335 AA.
DE    Human secreted/transmembrane protein (PRO) #96.
PN    US2003073180-A1.
PD    17-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 178
ID    ABM24821 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003104539-A1.
PD    05-JUN-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 179
ID    ABO03089 standard; protein; 335 AA.
DE    Human secreted/transmembrane protein (PRO) #96.
PN    US2003036131-A1.
PD    20-FEB-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 180
ID    ABR90345 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003040075-A1.
PD    27-FEB-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 181
ID    ABM17259 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003054459-A1.
PD    20-MAR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 182
ID    ABR95005 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003044930-A1.
PD    06-MAR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 183
ID    ABR95310 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003040071-A1.
PD    27-FEB-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 184
ID    ADB17103 standard; protein; 335 AA.
DE    Human transmembrane PRO polypeptide (SeqID 46).
PN    US2003050462-A1.
PD    13-MAR-2003.
PA    (GETH ) GENENTECH INC.

      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 185
ID    ABO21548 standard; protein; 335 AA.
DE    Human secreted/transmembrane protein (PRO) #96.
PN    US2003054471-A1.
PD    20-MAR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 186
ID    ABR97812 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003064452-A1.
PD    03-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 187
ID    ABR87600 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003068705-A1.
PD    10-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 188
ID    ABM77641 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003054473-A1.
PD    20-MAR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 189
ID    ABM27871 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003064440-A1.
PD    03-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 190
ID    ABM06152 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003068704-A1.
PD    10-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 191
ID    ABM03658 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003068722-A1.
PD    10-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 192
ID    ABM35109 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003073183-A1.
PD    17-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 193
ID    ABM26346 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003104549-A1.
PD    05-JUN-2003.
PA    (GETH ) GENENTECH INC.
      Query Match             100.0%;   Score 1067;  DB 6;   Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
```

RESULT 194
ID   AB048128 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003049749-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 195
ID   ABR92870 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003064462-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 196
ID   ABO24631 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138.
PN   US2003065159-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 197
ID   ADA37764 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138
PN   US2003008297-A1.
PD   09-JAN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 198
ID   ABM11642 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003064447-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 199
ID   ABM02743 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073184-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 200
ID   ABM16039 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003064463-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 201
ID   ABO27600 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003064451-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 202
ID   ABM29091 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068721-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 203

ID   ABM07067 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068699-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 204
ID   ABM21161 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068707-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 205
ID   ABM09507 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073175-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 206
ID   ABO41377 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068695-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 207
ID   ABO36192 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003068703-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 208
ID   ABO43721 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003068732-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 209
ID   ABM76421 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003082717-A1.
PD   01-MAY-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 210
ID   ABM76117 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104548-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 211
ID   ABM25736 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104542-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 212
ID   ABM26041 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104543-A1.

```
PD    05-JUN-2003.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 213
ID    ADA21450 standard; protein; 335 AA.
DE    Human secreted/transmembrane polypeptide PRO1138.
PN    US2003054404-A1.
PD    20-MAR-2003.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 214
ID    ABO03394 standard; protein; 335 AA.
DE    Human secreted/transmembrane protein (PRO) #96.
PN    US2003036127-A1.
PD    20-FEB-2003.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 215
ID    ABO02479 standard; protein; 335 AA.
DE    Human secreted/transmembrane protein (PRO) #96.
PN    US2003040061-A1.
PD    27-FEB-2003.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 216
ID    ABO44261 standard; protein; 335 AA.
DE    Human secreted/transmembrane polypeptide PRO 1138.
PN    US2003018172-A1.
PD    23-JAN-2003.
PA    (GETH ) GENENTECH INC.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 217
ID    ABR90650 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003036130-A1.
PD    20-FEB-2003.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 218
ID    ABR73718 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003054468-A1.
PD    20-MAR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 219
ID    ABO16970 standard; protein; 335 AA.
DE    Human secreted/transmembrane protein (PRO) #96.
PN    US2003054470-A1.
PD    20-MAR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 220
ID    ABR94395 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003044917-A1.
PD    06-MAR-2003.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 221
ID    ABR75902 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003044929-A1.
PD    06-MAR-2003.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 222
ID    ABR71278 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003059880-A1.

PD    27-MAR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 223
ID    ABR93175 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003064465-A1.
PD    03-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 224
ID    ABR93480 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003054478-A1.
PD    20-MAR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 225
ID    ADA10237 standard; protein; 335 AA.
DE    Human secreted/transmembrane protein, PRO1138.
PN    US2003059831-A1.
PD    27-MAR-2003.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 226
ID    ABR87905 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003068718-A1.
PD    10-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 227
ID    ABO27905 standard; protein; 335 AA.
DE    Human secreted/transmembrane protein (PRO) #96.
PN    US2003064454-A1.
PD    03-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 228
ID    ABO30040 standard; protein; 335 AA.
DE    Human secreted/transmembrane protein (PRO) #96.
PN    US2003064461-A1.
PD    03-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 229
ID    ABO33249 standard; protein; 335 AA.
DE    Human PRO polypeptide #96.
PN    US2003068724-A1.
PD    10-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 230
ID    ABM04937 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003068727-A1.
PD    10-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match          100.0%;    Score 1067;  DB 6;   Length 335;
      Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 231
ID    ABM08897 standard; protein; 335 AA.
DE    Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN    US2003068772-A1.
PD    10-APR-2003.
PA    (GETH ) GENENTECH INC.
```

```
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 232
ID   ABO36497 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068714-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 233
ID   ABO35582 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003068758-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 234
ID   ABO39547 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068776-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 235
ID   ABM10422 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003069407-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 236
ID   ABM11947 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104555-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 237
ID   ABO52093 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003049768-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 238
ID   ABO52398 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003049771-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 239
ID   ADA19908 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003069394-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 240
ID   ABO23716 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003032134-A1.
PD   13-FEB-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;

RESULT 241
ID   ADB17291 standard; protein; 335 AA.
DE   Human transmembrane PRO polypeptide (SeqID 46).
PN   US2003050465-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 242
ID   ADA17781 standard; protein; 335 AA.
DE   Human PRO1138 polypeptide.
PN   US2003054987-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 243
ID   ABR97202 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003054481-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 244
ID   ABR86990 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049778-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 245
ID   ABM11032 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049782-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 246
ID   ABM28176 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003054476-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 247
ID   ABO32175 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068733-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 248
ID   ABM15302 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068692-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 249
ID   ABM06457 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068709-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                100.0%;   Score 1067;  DB 6;   Length 335;
        Best Local Similarity      100.0%;   Pred. No. 2.9e-99;
RESULT 250
ID   ABM04268 standard; protein; 335 AA.
```

```
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068716-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 251
ID   ABM22381 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068740-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 252
ID   ABM07677 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068751-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 253
ID   ABO40767 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068684-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 254
ID   ABM35414 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073179-A1.
PD   17-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 255
ID   ABM33177 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003087374-A1.
PD   08-MAY-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 256
ID   ABO52703 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003049773-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 257
ID   ABO50263 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003049777-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 258
ID   ABU99257 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003040055-A1.
PD   27-FEB-2003.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 259
ID   ABO04309 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036164-A1.
PD   20-FEB-2003.

     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 260
ID   ABO05939 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003040074-A1.
PD   27-FEB-2003.
     (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 261
ID   ABM18479 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003054480-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 262
ID   ADA27889 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138.
PN   US2003054359-A1.
PD   20-MAR-2003.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 263
ID   ABR97507 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003059885-A1.
PD   27-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 264
ID   ABR80607 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049740-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 265
ID   ABM01218 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049770-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 266
ID   ABR88820 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073169-A1.
PD   17-APR-2003.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 267
ID   ABM13472 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003064457-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 268
ID   ABM20856 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068711-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match           100.0%;   Score 1067;   DB 6;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 269
ID   ABO41987 standard; protein; 335 AA.
```

DE Human secreted/transmembrane protein (PRO) #96.
PN US2003049745-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 270
ID ABO42597 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003049751-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 271
ID ABM10117 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003067478-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 272
ID ABO38632 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003068773-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 273
ID ABM32872 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003073185-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 274
ID ABM22686 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003087373-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 275
ID ABM74897 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003096353-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 276
ID ADA79736 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003073173-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 277
ID ABR96287 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003054458-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 278
ID ABM02438 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003059886-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;

    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 279
ID ABR86380 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003049758-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 280
ID ABR86685 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003049772-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 281
ID ABM1649 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003064448-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 282
ID ABM29701 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003064455-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 283
ID ABO29125 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003068693-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 284
ID ABM23906 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003068735-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 285
ID ABM23296 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003068753-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 286
ID ABM22076 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003068742-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 287
ID ABO37717 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003068756-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067;   DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 288
ID   ABM28481 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003082715-A1.
PD   01-MAY-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 289
ID   ABM28786 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003082716-A1.
PD   01-MAY-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 290
ID   ABM66430 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068737-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 291
ID   ABM75812 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104547-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 292
ID   ABM34092 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003096359-A1.
PD   22-MAY-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 293
ID   ABM34397 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003100061-A1.
PD   29-MAY-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 294
ID   ABO20328 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003032125-A1.
PD   13-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 295
ID   ABO21243 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003054454-A1.
PD   20-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 296
ID   ABO22158 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003054477-A1.
PD   20-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 297
ID   ADA20080 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003055222-A1.
PD   20-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 298
ID   ABO34189 standard; protein; 335 AA.
DE   Human secreted/transmembrane polypeptide PRO1138.
PN   US2003060601-A1.
PD   27-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 299
ID   ABR96592 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003054460-A1.
PD   20-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 300
ID   ADA94469 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138.
PN   US2003059832-A1.
PD   27-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 301
ID   ABR85770 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049753-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 302
ID   ABR99752 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049763-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 303
ID   ABM00608 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073172-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 304
ID   ABM00303 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073172-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 305
ID   ABO29735 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068700-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 306
ID   ABM23601 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068736-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 307

```
ID   ABM29396 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068679-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 308
ID   ABO38327 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068767-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 309
ID   ABO45627 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003073182-A1.
PD   17-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 310
ID   ABM20551 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104557-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 311
ID   ADA81463 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003092121-A1.
PD   15-MAY-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 312
ID   ABO16665 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003027276-A1.
PD   06-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 313
ID   ABO18291 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003044920-A1.
PD   06-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 314
ID   ABO22718 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003022265-A1.
PD   06-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 315
ID   ABO23023 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003054461-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 316
ID   ABR92565 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003064446-A1.
PD   03-APR-2003.

PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 317
ID   ABR81522 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049744-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 318
ID   ABM77946 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049783-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 319
ID   ABR89735 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073171-A1.
PD   17-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 320
ID   ABM26651 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003032121-A1.
PD   13-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 321
ID   ABM13777 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003064458-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 322
ID   ABO28515 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003064460-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 323
ID   ABO30345 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003064464-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 324
ID   ABM07372 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068702-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 325
ID   ABM03963 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068734-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 6;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
```

RESULT 326
ID AB037107 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003068719-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 327
ID AB041682 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003068729-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 328
ID AB035277 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003068738-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 329
ID ABM25126 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003104540-A1.
PD 05-JUN-2003.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 330
ID AB047518 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003049742-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 331
ID AB047823 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003049747-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 332
ID AB048433 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003049750-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 333
ID AB051483 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003049766-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 334
ID AB051788 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003049767-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 335
ID AB050568 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003049779-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 336
ID ABR79692 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003040059-A1.
PD 27-FEB-2003.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 337
ID ABM16954 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003040078-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 338
ID AB017986 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003044918-A1.
PD 06-MAR-2003.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 339
ID AB020938 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003032112-A1.
PD 13-FEB-2003.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 340
ID ABR96897 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003054462-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 341
ID ADA38694 standard; protein; 335 AA.
DE Human secreted/transmembrane protein PRO1138.
PN US2003059780-A1.
PD 27-MAR-2003.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 342
ID ABM12252 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003064445-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 343
ID ABM16344 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003064449-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 344
ID ABM24211 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003064441-A1.
PD 03-APR-2003.
    Query Match   100.0%;   Score 1067; DB 6;   Length 335;
    Best Local Similarity   100.0%;   Pred. No. 2.9e-99;

RESULT 345
ID ABM14692 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003068696-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 346
ID ABM04573 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003068712-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 347
ID ABM06762 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003068730-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 348
ID ABO09202 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003073174-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 349
ID ABO39242 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003068775-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 350
ID ABM75507 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003104545-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 351
ID ABM25431 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003104541-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 352
ID ABM19941 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003104554-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 353
ID ABO46847 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003049752-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 354
ID ABO47152 standard; protein; 335 AA.
DE Human PRO polypeptide #96.

PN US2003049765-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 355
ID ADA83261 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003049752-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 356
ID ABR71583 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003032133-A1.
PD 13-FEB-2003.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 357
ID ABR72193 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003032136-A1.
PD 13-FEB-2003.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 358
ID ABR98532 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003036129-A1.
PD 20-FEB-2003.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 359
ID ABO06902 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003040053-A1.
PD 27-FEB-2003.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 360
ID ABR84855 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003040057-A1.
PD 27-FEB-2003.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 361
ID ABR73413 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003054467-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 362
ID ABR76507 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003044932-A1.
PD 06-MAR-2003.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 363
ID ABR73108 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003027270-A1.
PD 06-FEB-2003.
  Query Match   100.0%;   Score 1067;   DB 6;
  Best Local Similarity 100.0%;   Pred. No. 2.9e-99;   Length 335;
RESULT 364
ID ABM18174 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.

PN US2003054469-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 365
ID ABO20633 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003032126-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 366
ID ABO25376 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003054463-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 367
ID ABO25681 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003054466-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 368
ID ABR94090 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003059879-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 369
ID ADA92815 standard; protein; 335 AA.
DE Human secreted/transmembrane protein PRO1138.
PN US2003060407-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 370
ID ABR79997 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003049738-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 371
ID ABM11337 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003064469-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 372
ID ABO12944 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003064453-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 373
ID ABO30650 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003064466-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;

  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 374
ID ABO30955 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003064468-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 375
ID ABM27261 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003068760-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 376
ID ABM30006 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003068769-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 377
ID ABM05542 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003045700-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 378
ID ABM15607 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003068698-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 379
ID ABM08592 standard; protein; 335 AA.
DE Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN US2003068759-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 380
ID ABO42292 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003049748-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 381
ID ABO38022 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003068765-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;
RESULT 382
ID ABO45932 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003049754-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   100.0%; Score 1067; DB 6; Length 335;
  Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 383
ID   ABM66735 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068688-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 384
ID   ADB20304 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003082767-A1.
PD   01-MAY-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 385
ID   ABM19636 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104552-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 386
ID   ABO49348 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003049774-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 387
ID   ABO49653 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003049775-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 388
ID   ADA78556 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003073181-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 389
ID   ABR88210 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068720-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 390
ID   ADA00377 standard; protein; 335 AA.
DE   Human secreted/transmembrane polypeptide PRO 138.
PN   US2003027992-A1.
PD   06-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 391
ID   ABM26956 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068739-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 392
ID   ABM03353 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068763-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 393
ID   ABO39852 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068689-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 6; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 394
ID   ABO49958 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003049776-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 395
ID   ABO50873 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003049780-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 396
ID   ABO05329 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036126-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 397
ID   ABR74633 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003044924-A1.
PD   06-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 398
ID   ABR77112 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003044927-A1.
PD   06-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 399
ID   ABM17869 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003040072-A1.
PD   27-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 400
ID   ABR95920 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003040073-A1.
PD   27-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 401
ID   ABO21853 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003054475-A1.
PD   20-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 402
ID   ABO20023 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003032124-A1.
PD   13-FEB-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
PA   (GETH) GENENTECH INC.

RESULT 403
ID   ABO24326 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003064467-A1.
PD   03-APR-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
PA   (GETH) GENENTECH INC.

RESULT 404
ID   ABR86075 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049759-A1.
PD   13-MAR-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
PA   (GETH) GENENTECH INC.

RESULT 405
ID   ABM10727 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003064455-A1.
PD   03-APR-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
PA   (GETH) GENENTECH INC.

RESULT 406
ID   ABM76726 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003054465-A1.
PD   20-MAR-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
PA   (GETH) GENENTECH INC.

RESULT 407
ID   ABR89430 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073170-A1.
PD   17-APR-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
PA   (GETH) GENENTECH INC.

RESULT 408
ID   ABM12557 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073176-A1.
PD   17-APR-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
PA   (GETH) GENENTECH INC.

RESULT 409
ID   ABM05847 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068717-A1.
PD   10-APR-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
PA   (GETH) GENENTECH INC.

RESULT 410
ID   ABO34972 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003068728-A1.
PD   10-APR-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
PA   (GETH) GENENTECH INC.

RESULT 411
ID   ABM03048 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068764-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 412
ID   ABM19026 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104550-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 413
ID   ABM19331 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104551-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 414
ID   ABO46542 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003049761-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 415
ID   ABO49043 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003049757-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 416
ID   ABR69086 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003027273-A1.
PD   06-FEB-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 417
ID   ABR89125 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003036119-A1.
PD   20-FEB-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 418
ID   ABR72498 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003036120-A1.
PD   20-FEB-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 419
ID   ABR74328 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003036161-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 420
ID   ABO18596 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003044921-A1.
PD   06-MAR-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 421
ID   ABR80302 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049739-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 422
ID   ABM01523 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003059882-A1.
PD   27-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 423
ID   ABM02133 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003059884-A1.
PD   27-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 424
ID   ABR87295 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068887-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 425
ID   ABM12862 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073186-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 426
ID   ABM30616 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003064443-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 427
ID   ABM24516 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003064444-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 428
ID   ABO29430 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068697-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 429
ID   ABO31260 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068710-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 430
ID   ABM14387 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068686-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 431
ID   ABM09812 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073178-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 432
ID   ABO38937 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003306774-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 433
ID   ABM34702 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104538-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 434
ID   ABO51178 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003049781-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 435
ID   ABO04004 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036158-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 436
ID   ABO10474 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003036151-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 437
ID   ABO53176 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138.
PN   US2003044806-A1.
PD   06-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 438
ID   ABR77717 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003040067-A1.
PD   27-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 439
ID   ABR78927 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003054456-A1.
PD   20-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity 100.0%; Pred. No. 2.9e-99;

```
RESULT 440
ID   ABO24021 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003054482-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 441
ID   ABR93785 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003054457-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 442
ID   ABM01828 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003059883-A1.
PD   27-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 443
ID   ABM78251 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049764-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 444
ID   ABR90040 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003073177-A1.
PD   17-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 445
ID   ADA22376 standard; protein; 335 AA.
DE   Human secreted/transmembrane polypeptide PRO1138.
PN   US2003040473-A1.
PD   27-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 446
ID   ABM27566 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003064442-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 447
ID   ABM13167 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003064450-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 448
ID   ABO31870 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068731-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 449
ID   ABM14082 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068683-A1.
PD   10-APR-2003.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 450
ID   ABM08287 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068754-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 451
ID   ABO40157 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068681-A1.
PD   10-APR-2003.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 452
ID   ABM74592 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003096351-A1.
PD   22-MAY-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 453
ID   ABM33787 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003096358-A1.
PD   22-MAY-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 454
ID   ABM20246 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104556-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 455
ID   ABO48738 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003049756-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 456
ID   ABO22546 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138.
PN   US2003017982-A1.
PD   23-JAN-2003.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 457
ID   ABR72803 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003036122-A1.
PD   20-FEB-2003.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 458
ID   ABO15445 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003036121-A1.
PD   20-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
```

```
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 459
ID   ABR85160 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003040065-A1.
PD   27-FEB-2003.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 460
ID   ABO15140 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003044919-A1.
PD   06-MAR-2003.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 461
ID   ABO17275 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003040077-A1.
PD   27-FEB-2003.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 462
ID   ABM17564 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003044928-A1.
PD   06-MAR-2003.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 463
ID   ADA06542 standard; protein; 335 AA.
DE   Human secreted/transmembrane PRO polypeptide #71.
PN   US2003049638-A1.
PD   13-MAR-2003.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 464
ID   ADA39235 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138.
PN   US2003059782-A1.
PD   27-MAR-2003.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 465
ID   ABR85465 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003049746-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 466
ID   ABM77031 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003054464-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 467
ID   ABO28210 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003064459-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 468
ID   ABM22991 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068757-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.

Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 469
ID   ABM30311 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068723-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 470
ID   ABO1771 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068741-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 471
ID   ABM21466 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068744-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 472
ID   ABM14997 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068766-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 473
ID   ABO41072 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068694-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 474
ID   ABO36802 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068715-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 475
ID   ABO37412 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003068726-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 476
ID   ABM75202 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003104544-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 477
ID   ABM33482 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003096357-A1.
PD   22-MAY-2003.
PA   (GETH ) GENENTECH INC.
Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
```

```
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 478
ID   AB046237 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003049760-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 479
ID   ADA82627 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003049755-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 480
ID   ADB85619 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003049735-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 481
ID   ADB96261 standard; protein; 335 AA.
DE   Human PRO polypeptide #71.
PN   US2003054403-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 482
ID   ABM31836 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068680-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 483
ID   ABM31226 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068762-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 484
ID   ADB85935 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein (PRO) #96.
PN   US2003054472-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 485
ID   ABM32141 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068708-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 486
ID   ABM12446 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068713-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 487
ID   ADB68298 standard; protein; 335 AA.

DE   Human PRO1138 protein.
PN   US2003065161-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 488
ID   ADB68105 standard; protein; 335 AA.
DE   Human PRO1138 protein.
PN   US2003060600-A1.
PD   27-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 489
ID   ABM31531 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068761-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 490
ID   ABM30921 standard; protein; 335 AA.
DE   Human secreted polypeptide PRO1138, SEQ ID NO:192.
PN   US2003068771-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 491
ID   ADB90922 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003083473-A1.
PD   01-MAY-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 492
ID   ADC57733 standard; protein; 335 AA.
DE   Human PRO polypeptide #71.
PN   US2003027754-A1.
PD   06-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 493
ID   ADC55097 standard; protein; 335 AA.
DE   Human PRO polypeptide #71.
PN   US2003045463-A1.
PD   06-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 494
ID   ADC11964 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138.
PN   US2003049681-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 495
ID   ADC07002 standard; protein; 335 AA.
DE   Human PRO1138 protein.
PN   US2003060602-A1.
PD   27-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
     Best Local Similarity 100.0%;  Pred. No. 2.9e-99;
RESULT 496
ID   ADC56386 standard; protein; 335 AA.
DE   Human PRO polypeptide #71.
PN   US2003064375-A1.
PD   03-APR-2003.
     Query Match             100.0%;  Score 1067;  DB 7;  Length 335;
```

```
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 497
ID  ADC17181 standard; protein; 335 AA.
DE  Mammalian PRO polypeptide (SeqID 46).
PN  US2003065143-A1.
PD  03-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 498
ID  ADC07441 standard; protein; 335 AA.
DE  Human secreted/transmembrane protein PRO1138.
PN  US2003068647-A1.
PD  10-APR-2003.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 499
ID  ADC11431 standard; protein; 335 AA.
DE  Human secreted/transmembrane protein PRO1138.
PN  US2003069403-A1.
PD  10-APR-2003.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 500
ID  ADC14879 standard; protein; 335 AA.
DE  Novel human secreted and transmembrane protein PRO1138.
PN  US2003073208-A1.
PD  17-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 501
ID  ADC52374 standard; protein; 335 AA.
DE  Novel human secreted and transmembrane protein PRO1138.
PN  US2003138882-A1.
PD  24-JUL-2003.
PA  (GETH ) GENENTECH INC.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 502
ID  ADC14553 standard; protein; 335 AA.
DE  Novel human secreted and transmembrane protein PRO1138.
PN  US2003082546-A1.
PD  01-MAY-2003.
PA  (GETH ) GENENTECH INC.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 503
ID  ADD08085 standard; protein; 335 AA.
DE  Novel human secreted and transmembrane protein PRO1138.
PN  US2003068623-A1.
PD  10-APR-2003.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 504
ID  ADD81910 standard; protein; 335 AA.
DE  Human PRO polypeptide #71.
PN  US2002193299-A1.
PD  19-DEC-2002.
PA  (GETH ) GENENTECH INC.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 505
ID  ADD07552 standard; protein; 335 AA.
DE  Novel human secreted and transmembrane protein PRO1138.
PN  US2003083461-A1.
PD  01-MAY-2003.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 506
ID  ADC82443 standard; protein; 335 AA.
DE  Human PRO polypeptide #71.
PN  US2003059833-A1.
PD  27-MAR-2003.

    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 507
ID  ADD05665 standard; protein; 335 AA.
DE  Human secreted/transmembrane protein (PRO) #96.
PN  US2003087376-A1.
PD  08-MAY-2003.
PA  (GETH ) GENENTECH INC.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 508
ID  ADD08623 standard; protein; 335 AA.
DE  Novel human secreted and transmembrane protein PRO1138.
PN  US2003073090-A1.
PD  17-APR-2003.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 509
ID  ADD06872 standard; protein; 335 AA.
DE  Novel human secreted and transmembrane protein PRO1138.
PN  US2002193300-A1.
PD  19-DEC-2002.
PA  (GETH ) GENENTECH INC.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 510
ID  ADC89503 standard; protein; 335 AA.
DE  Human natural killer cell surface receptor CS1.
PN  US2003113332-A1.
PD  19-JUN-2003.
PA  (UYNT-) UNIV NORTH TEXAS HEALTH SCI CENT.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 511
ID  ADC83119 standard; protein; 335 AA.
DE  Human PRO polypeptide #71.
PN  US2003059783-A1.
PD  27-MAR-2003.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 512
ID  ADD67525 standard; protein; 335 AA.
DE  Human Ly1728P protein SEQ ID NO:2.
PN  WO2003062401-A2.
PD  31-JUL-2003.
PA  (CORI-) CORIXA CORP.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 513
ID  ADD55226 standard; protein; 335 AA.
DE  Human PRO polypeptide #71.
PN  US2003077593-A1.
PD  24-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 514
ID  ADD36050 standard; protein; 335 AA.
DE  Novel human secreted and transmembrane protein PRO1138.
PN  US2003105298-A1.
PD  05-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 515
ID  ADD56184 standard; protein; 335 AA.
DE  Human PRO polypeptide #71.
PN  US2003077594-A1.
PD  24-APR-2003.
    Query Match  100.0%;  Score 1067;  DB 7;  Length 335;
    Best Local Similarity  100.0%;  Pred. No. 2.9e-99;
RESULT 516
ID  ADD54622 standard; protein; 335 AA.
DE  Human PRO polypeptide #71.
```

PN   US2002132253-A1.
PD   19-SEP-2002.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 517
ID   ADE26776 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003087304-A1.
PD   08-MAY-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 518
ID   ADE26243 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003087305-A1.
PD   08-MAY-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 519
ID   ADF67180 standard; protein; 335 AA.
DE   Human PRO1138 amino acid sequence SEQ ID NO:253.
PN   US2002198148-A1.
PD   26-DEC-2002.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 520
ID   ADG01051 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003078387-A1.
PD   24-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 521
ID   ADG08604 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180793-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 522
ID   ADG02660 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003207397-A1.
PD   06-NOV-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 523
ID   ADG01367 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003207399-A1.
PD   06-NOV-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 524
ID   ADF95542 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003207398-A1.
PD   06-NOV-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 525
ID   ADF95225 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180795-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.

     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 526
ID   ADG12357 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003207392-A1.
PD   06-NOV-2003.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 527
ID   ADH24078 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180918-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 528
ID   ADH34104 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180858-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 529
ID   ADH29937 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180859-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 530
ID   ADH23908 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180919-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 531
ID   ADH09017 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2003207395-A1.
PD   06-NOV-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 532
ID   ADG85312 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180904-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 533
ID   ADH24588 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180907-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;
RESULT 534
ID   ADH37444 standard; protein; 335 AA.
DE   Human secreted and transmembrane protein PRO1138 cDNA.
PN   US2003181646-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%; Score 1067; DB 7; Length 335;
     Best Local Similarity   100.0%; Pred. No. 2.9e-99;

RESULT 535
ID   ADH02033 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003180837-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 536
ID   ADH37614 standard; protein; 335 AA.
DE   Human secreted and transmembrane protein PRO1138 cDNA.
PN   US2003181648-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 537
ID   ADG85652 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180905-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 538
ID   ADH24248 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180914-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 539
ID   ADH38542 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181643-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 540
ID   ADG83663 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003180794-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 541
ID   ADH29471 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180860-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 542
ID   ADH27587 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180906-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 543
ID   ADH37784 standard; protein; 335 AA.
DE   Human secreted and transmembrane protein PRO1138 cDNA.
PN   US2003181647-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 544

ID   ADH37961 standard; protein; 335 AA.
DE   Human secreted and transmembrane protein PRO1138 cDNA.
PN   US2003181649-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 545
ID   ADH57381 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180920-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 546
ID   ADH53523 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181636-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 547
ID   ADH53693 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181641-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 548
ID   ADH52029 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181638-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 549
ID   ADH49884 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181639-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 550
ID   ADI25394 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181696-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 551
ID   ADH90187 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181698-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 552
ID   ADI25564 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181669-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
     Query Match   100.0%;   Score 1067;   DB 7;   Length 335;
     Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 553
ID   ADH97738 standard; protein; 335 AA.

DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181672-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 554
ID   ADI35434 standard; protein; 335 AA.
DE   Human PRO polypeptide #71.
PN   US2003050457-A1.
PD   13-MAR-2003.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 555
ID   ADI03586 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181656-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 556
ID   ADI11943 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003181686-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 557
ID   ADH90017 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181697-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 558
ID   ADH99926 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003049682-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 559
ID   ADH98818 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181707-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 560
ID   ADI11093 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003181682-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 561
ID   ADI11603 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003181684-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 562
ID   ADH98248 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181709-A1.
PD   25-SEP-2003.

PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 563
ID   ADH98588 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181708-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 564
ID   ADH98078 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181673-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 565
ID   ADI05066 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180848-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 566
ID   ADI03416 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181654-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 567
ID   ADI04811 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181657-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 568
ID   ADH78265 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003181668-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 569
ID   ADI19609 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181676-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 570
ID   ADH90357 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181699-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   100.0%;   Score 1067; DB 7; Length 335;
      Best Local Similarity   100.0%;   Pred. No. 2.9e-99;
RESULT 571
ID   ADI03076 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181653-A1.
PD   25-SEP-2003.
PA   (GETH) GENENTECH INC.

```
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 572
ID   ADH77925 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003181666-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 573
ID   ADH97908 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181674-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 574
ID   ADI01293 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003190669-A1.
PD   09-OCT-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 575
ID   ADI01988 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181652-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 576
ID   ADI03246 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181655-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 577
ID   ADI11433 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003181681-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 578
ID   ADI02335 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181650-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 579
ID   ADI11773 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003181685-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 580
ID   ADI05410 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003190716-A1.
PD   09-OCT-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;


        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 581
ID   ADH79482 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003191290-A1.
PD   09-OCT-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 582
ID   ADI19439 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181675-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 583
ID   ADI05240 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181677-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 584
ID   ADH79652 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003191288-A1.
PD   09-OCT-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 585
ID   ADI01478 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181678-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 586
ID   ADI01648 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181679-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 587
ID   ADI01818 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181680-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 588
ID   ADH79822 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003191289-A1.
PD   09-OCT-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
RESULT 589
ID   ADI04640 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003171550-A1.
PD   11-SEP-2003.
PA   (GETH ) GENENTECH INC.
        Query Match                  100.0%;  Score 1067;  DB 7;  Length 335;
        Best Local Similarity        100.0%;  Pred. No. 2.9e-99;
```

RESULT 590
ID ADI02776 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003181651-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 7; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 591
ID ADH78095 standard; protein; 335 AA.
DE Human PRO polypeptide #23.
PN US2003181667-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 7; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 592
ID ADI25734 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003181670-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 7; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 593
ID ADI25904 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003181671-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 7; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 594
ID ADK65416 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003073821-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 7; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 595
ID ADH98758 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003191284-A1.
PD 09-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 7; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 596
ID ADH79999 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003191287-A1.
PD 09-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 7; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 597
ID ADL32798 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003207396-A1.
PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 7; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 598
ID ADM30332 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003073813-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 7; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 599
ID ADG93730 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003040013-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 7; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 600
ID ADC52184 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003130483-A1.
PD 10-JUL-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 601
ID ADE74329 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003211572-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 602
ID ADE74941 standard; protein; 335 AA.
DE Human secreted/transmembrane protein (PRO) #96.
PN US2003211574-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 603
ID ADF35379 standard; protein; 335 AA.
DE Human PRO1138 polypeptide.
PN US2003194760-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 604
ID ADG11629 standard; protein; 335 AA.
DE Human PRO1138 polypeptide.
PN US2003228655-A1.
PD 11-DEC-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 605
ID ADF96154 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003215909-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 606
ID ADG04425 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003215912-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 607
ID ADG00585 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003215911-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%; Pred. No. 2.9e-99;

RESULT 608
ID ADH06616 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003180852-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.

Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 609
ID ADH06446 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003180853-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 610
ID ADG68867 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003180855-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 611
ID ADH27757 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003180912-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 612
ID ADH25098 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003180913-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 613
ID ADH33730 standard; protein; 335 AA.
DE Human PRO polypeptide #23.
PN US2003181645-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 614
ID ADG82841 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003215910-A1.
PD 20-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 615
ID ADH02373 standard; protein; 335 AA.
DE Human PRO polypeptide #23.
PN US2003180839-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 616
ID ADH07980 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003180845-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 617
ID ADG69377 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003180846-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;

Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 618
ID ADH39198 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003180917-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 619
ID ADH26122 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003068770-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 620
ID ADG83938 standard; protein; 335 AA.
DE Human PRO polypeptide #23.
PN US2003180842-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 621
ID ADH19499 standard; protein; 335 AA.
DE Human secreted/transmembrane protein PRO1138.
PN US2003228656-A1.
PD 11-DEC-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 622
ID ADG85482 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003166848-A1.
PD 04-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 623
ID ADH06276 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003180854-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 624
ID ADH30106 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003180856-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 625
ID ADH24418 standard; protein; 335 AA.
DE Novel human secreted and transmembrane protein PRO1138.
PN US2003180910-A1.
PD 25-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 626
ID ADH33091 standard; protein; 335 AA.
DE Human PRO polypeptide #96.
PN US2003068768-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match   100.0%;   Score 1067; DB 8; Length 335;
Best Local Similarity 100.0%;   Pred. No. 2.9e-99;

```
RESULT 627
ID   ADG69547 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180844-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 628
ID   ADH07810 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180851-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 629
ID   ADG85822 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180861-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 630
ID   ADH39368 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180916-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 631
ID   ADH33560 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003181637-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 632
ID   ADH33900 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003181644-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 633
ID   ADH01110 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003180838-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 634
ID   ADG69717 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180843-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 635
ID   ADH20992 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138.
PN   US2003224358-A1.
PD   04-DEC-2003.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 636
ID   ADH02203 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003180841-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 637
ID   ADG69207 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180847-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 638
ID   ADG85992 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180862-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 639
ID   ADH24928 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180909-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 640
ID   ADH39545 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180915-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 641
ID   ADH20032 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein PRO1138.
PN   US2003221956-A1.
PD   27-NOV-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 642
ID   ADH02543 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003180840-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 643
ID   ADG69037 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180849-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 644
ID   ADH07640 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180850-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
  Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
  Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 645
ID   ADG86162 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
```

```
PN   US2003180863-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 646
ID   ADH24758 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180908-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 647
ID   ADH25806 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180911-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 648
ID   ADH38372 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180922-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 649
ID   ADH57211 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181642-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 650
ID   ADH52199 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180921-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 651
ID   ADH49565 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003180857-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 652
ID   ADH90527 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181700-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 653
ID   ADI11263 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003181683-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 654
ID   ADH98928 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003190698-A1.

PD   09-OCT-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 655
ID   ADI02158 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003190699-A1.
PD   09-OCT-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 656
ID   ADH90697 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181701-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 657
ID   ADJ54830 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2004023321-A1.
PD   05-FEB-2004.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 658
ID   ADJ98572 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003187197-A1.
PD   02-OCT-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 659
ID   ADH98742 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003187228-A1.
PD   02-OCT-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 660
ID   ADH78901 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181703-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 661
ID   ADJ99115 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003186408-A1.
PD   02-OCT-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 662
ID   ADJ99305 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003187196-A1.
PD   02-OCT-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;  Score 1067;  DB 8;  Length 335;
     Best Local Similarity   100.0%;  Pred. No. 2.9e-99;
RESULT 663
ID   ADJ98923 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003187242-A1.
PD   02-OCT-2003.
```

```
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 8;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 664
ID   ADH79071 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003181702-A1.
PD   25-SEP-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 8;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 665
ID   ADK00931 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2003186407-A1.
PD   02-OCT-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 8;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 666
ID   ADK14452 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2003187229-A1.
PD   02-OCT-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 8;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 667
ID   ADJ64601 standard; protein; 335 AA.
DE   Human PRO polypeptide #96.
PN   US2004038337-A1.
PD   26-FEB-2004.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 8;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 668
ID   ADM31497 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2004048334-A1.
PD   11-MAR-2004.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 8;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 669
ID   ADM36544 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2004053358-A1.
PD   18-MAR-2004.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 8;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 670
ID   ADM40349 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2004058411-A1.
PD   25-MAR-2004.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 8;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 671
ID   ADM80901 standard; protein; 335 AA.
DE   Human PRO polypeptide #23.
PN   US2004058411-A1.
PD   25-MAR-2004.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 8;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 672
ID   ADN37957 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2004091959-A1.
PD   13-MAY-2004.
PA   (GETH ) GENENTECH INC.


     Query Match             100.0%;    Score 1067;  DB 8;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 673
ID   ADH87689 standard; protein; 335 AA.
DE   Human CS1 (SLAMF7) protein.
PN   WO2004100898-A2.
PD   25-NOV-2004.
PA   (PROT-) PROTEIN DESIGN LABS INC.
     Query Match             100.0%;    Score 1067;  DB 8;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 674
ID   ADY19131 standard; protein; 335 AA.
DE   PRO polypeptide SEQ ID NO 4937.
PN   WO2005016962-A2.
PD   24-FEB-2005.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 9;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 675
ID   ADY77741 standard; protein; 335 AA.
DE   Neoplastic disease detection protein PRO1138.
PN   US2005059102-A1.
PD   17-MAR-2005.
PA   (EATO/) EATON D L.
PA   (FILV/) FILVAROFF E.
PA   (GERR/) GERRITSEN M E.
PA   (GODD/) GODDARD A.
PA   (GODO/) GODOWSKI P J.
PA   (GRIM/) GRIMALDI J C.
PA   (GURN/) GURNEY A L.
PA   (WATA/) WATANABE C K.
PA   (WOOD/) WOOD W I.
     Query Match             100.0%;    Score 1067;  DB 9;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 676
ID   AEA38506 standard; protein; 335 AA.
DE   Human secreted/transmembrane protein, #139.
PN   US2005112725-A1.
PD   26-MAY-2005.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 9;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 677
ID   AED50187 standard; protein; 335 AA.
DE   Novel human secreted and transmembrane protein PRO1138.
PN   US2005163766-A1.
PD   28-JUL-2005.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 9;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 678
ID   AED97202 standard; protein; 335 AA.
DE   Human CS1 polypeptide #1.
PN   WO2005102387-A2.
PD   03-NOV-2005.
PA   (PROT-) PROTEIN DESIGN LABS INC.
     Query Match             100.0%;    Score 1067;  DB 9;    Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 679
ID   AEF12572 standard; protein; 335 AA.
DE   Human PRO1138 protein SEQ ID NO:46.
PN   US2006008901-A1.
PD   12-JAN-2006.
PA   (GETH ) GENENTECH INC.
     Query Match             100.0%;    Score 1067;  DB 10;   Length 335;
     Best Local Similarity   100.0%;    Pred. No. 2.9e-99;
RESULT 680
ID   AEF74261 standard; protein; 335 AA.
DE   Human PRO1138 protein SEQ ID NO:46.
PN   US2005260647-A1.
PD   24-NOV-2005.
PA   (EATO/) EATON D L.
PA   (FILV/) FILVAROFF E.
PA   (GERR/) GERRITSEN M E.
```

```
PA   (GODD/) GODDARD A.
PA   (GODO/) GODOWSKI P J.
PA   (GRIM/) GRIMALDI J C.
PA   (GURN/) GURNEY A L.
PA   (WATA/) WATANABE C K.
PA   (WOOD/) WOOD W L.
       Query Match      100.0%;   Score 1067;   DB 10;   Length 335;
       Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 681
ID   AAB32373 standard; protein; 336 AA.
DE   Human secreted protein sequence encoded by gene 3 SEQ ID NO:59.
PN   WO200047602-A1.
PD   17-AUG-2000.
PA   (HUMA-) HUMAN GENOME SCI INC.
       Query Match      100.0%;   Score 1067;   DB 3;   Length 336;
       Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 682
ID   ADS98579 standard; protein; 340 AA.
DE   Protein factor discovery related human contig polypeptide, SEQ ID 843.
PN   WO2004087874-A2.
PD   14-OCT-2004.
PA   (NUVE-) NUVELO INC.
PA   (DRMA/) DRMANAC R T.
       Query Match      100.0%;   Score 1067;   DB 8;   Length 340;
       Best Local Similarity 100.0%;   Pred. No. 2.9e-99;
RESULT 683
ID   ADD18672 standard; protein; 335 AA.
DE   Human disease related protein SeqID103.
PN   WO2003018621-A2.
PD   06-MAR-2003.
PA   (OXFO-) OXFORD BIOMEDICA UK LTD.
       Query Match      99.7%;   Score 1064;   DB 7;   Length 335;
       Best Local Similarity 99.5%;   Pred. No. 5.8e-99;
RESULT 684
ID   ADJ69599 standard; protein; 335 AA.
DE   Human heat mitochondrial protein as a therapeutic target SeqID1405.
PN   WO2003087768-A2.
PD   23-OCT-2003.
PA   (MITO/) MITOKOR.
PA   (BUCK-) BUCK INST AGE RES.
       Query Match      99.7%;   Score 1064;   DB 7;   Length 335;
       Best Local Similarity 99.5%;   Pred. No. 5.8e-99;
RESULT 685
ID   AAY44610 standard; protein; 312 AA.
DE   Mature human myocardium protein-7.
PN   WO9967387-A2.
PD   29-DEC-1999.
PA   (MILL-) MILLENNIUM PHARM INC.
       Query Match      99.6%;   Score 1063;   DB 3;   Length 312;
       Best Local Similarity 100.0%;   Pred. No. 6.6e-99;
RESULT 686
ID   AED97277 standard; protein; 227 AA.
DE   Chimpanzee CS1 polypeptide.
PN   WO2005102387-A2.
PD   03-NOV-2005.
PA   (PROT-) PROTEIN DESIGN LABS INC.
       Query Match      98.5%;   Score 1051;   DB 9;   Length 348;
       Best Local Similarity 98.0%;   Pred. No. 7e-98;
RESULT 687
ID   ABR58418 standard; protein; 348 AA.
DE   Human NOV27b.
PN   WO2003029423-A2.
PD   10-APR-2003.
PA   (CURA-) CURAGEN CORP.
       Query Match      98.5%;   Score 1050.5;   DB 6;   Length 348;
       Best Local Similarity 93.9%;   Pred. No. 1.4e-97;
RESULT 688
ID   AED97274 standard; protein; 227 AA.
DE   Primate CS1 polypeptide.
PN   WO2005102387-A2.
PD   03-NOV-2005.
PA   (PROT-) PROTEIN DESIGN LABS INC.
       Query Match      88.9%;   Score 949;   DB 9;   Length 227;


       Best Local Similarity      89.6%;   Pred. No. 1.6e-87;
RESULT 689
ID   AED97275 standard; protein; 227 AA.
DE   Rhesus monkey CS1 polypeptide.
PN   WO2005102387-A2.
PD   03-NOV-2005.-
PA   (PROT-) PROTEIN DESIGN LABS INC.
       Query Match      87.8%;   Score 937;   DB 9;   Length 227;
       Best Local Similarity 89.1%;   Pred. No. 2.6e-86;
RESULT 690
ID   AED97279 standard; protein; 227 AA.
DE   Chimeric human/murine CS1 polypeptide #2.
PN   WO2005102387-A2.
PD   03-NOV-2005.-
PA   (PROT-) PROTEIN DESIGN LABS INC.
       Query Match      87.6%;   Score 935;   DB 9;   Length 227;
       Best Local Similarity 87.1%;   Pred. No. 4.1e-86;
RESULT 691
ID   AED97282 standard; protein; 227 AA.
DE   Chimeric human/murine CS1 polypeptide #5.
PN   WO2005102387-A2.
PD   03-NOV-2005.-
PA   (PROT-) PROTEIN DESIGN LABS INC.
       Query Match      87.0%;   Score 928;   DB 9;   Length 227;
       Best Local Similarity 87.4%;   Pred. No. 2.1e-85;
RESULT 692
ID   AED97280 standard; protein; 227 AA.
DE   Chimeric human/murine CS1 polypeptide #3.
PN   WO2005102387-A2.
PD   03-NOV-2005.-
PA   (PROT-) PROTEIN DESIGN LABS INC.
       Query Match      79.4%;   Score 847;   DB 9;   Length 227;
       Best Local Similarity 80.4%;   Pred. No. 3.5e-77;
RESULT 693
ID   AED97281 standard; protein; 224 AA.
DE   Chimeric human/murine CS1 polypeptide #4.
PN   WO2005102387-A2.
PD   03-NOV-2005.-
PA   (PROT-) PROTEIN DESIGN LABS INC.
       Query Match      74.2%;   Score 791.5;   DB 9;   Length 224;
       Best Local Similarity 74.1%;   Pred. No. 1.5e-71;
RESULT 694
ID   AED97283 standard; protein; 224 AA.
DE   Chimeric human/murine CS1 polypeptide #6.
PN   WO2005102387-A2.
PD   03-NOV-2005.-
PA   (PROT-) PROTEIN DESIGN LABS INC.
       Query Match      66.6%;   Score 710.5;   DB 9;   Length 224;
       Best Local Similarity 67.2%;   Pred. No. 2.5e-63;
RESULT 695
ID   AED97278 standard; protein; 224 AA.
DE   Chimeric human/murine CS1 polypeptide #1.
PN   WO2005102387-A2.
PD   03-NOV-2005.-
PA   (PROT-) PROTEIN DESIGN LABS INC.
       Query Match      65.9%;   Score 703.5;   DB 9;   Length 224;
       Best Local Similarity 67.3%;   Pred. No. 1.3e-62;
RESULT 696
ID   ADN02731 standard; protein; 204 AA.
DE   Human receptor and membrane -associated protein #34.
PN   WO2004029218-A2.
PD   08-APR-2004.
PA   (INCY-) INCYTE CORP.
       Query Match      51.1%;   Score 545;   DB 8;   Length 204;
       Best Local Similarity 80.7%;   Pred. No. 1.3e-46;
RESULT 697
ID   ADR20055 standard; protein; 165 AA.
DE   Human immune response associated protein (IRAP), seq id 15.
PN   WO2004048550-A2.
PD   10-JUN-2004.-
PA   (INCY-) INCYTE CORP.
       Query Match      50.4%;   Score 538;   DB 8;   Length 165;
       Best Local Similarity 89.3%;   Pred. No. 5.1e-46;
```

RESULT 698
ID   AAY12645 standard; protein; 124 AA.
DE   Human 5' EST secreted protein SEQ ID NO: 310 from WO 9906553.
PN   WO9906553-A2.
PD   11-FEB-1999.
PA   (GEST) GENSET.
     Query Match   47.5%; Score 507; DB 2; Length 124;
     Best Local Similarity   97.1%; Pred. No. 4.8e-43;

RESULT 699
ID   ABG11697 standard; protein; 684 AA.
DE   Novel human diagnostic protein #11688.
PN   WO200175067-A2.
PD   11-OCT-2001.
PA   (HYSE-) HYSEQ INC.
     Query Match   47.3%; Score 505; DB 4; Length 684;
     Best Local Similarity   95.9%; Pred. No. 8.2e-42;

RESULT 700
ID   ABG12169 standard; protein; 684 AA.
DE   Novel human diagnostic protein #12160.
PN   WO200175067-A2.
PD   11-OCT-2001.
PA   (HYSE-) HYSEQ INC.
     Query Match   47.3%; Score 505; DB 4; Length 684;
     Best Local Similarity   95.9%; Pred. No. 8.2e-42;

RESULT 701
ID   ADS98714 standard; protein; 684 AA.
DE   Protein factor discovery related human contig polypeptide, SEQ ID 978.
PN   WO2004087874-A2.
PD   14-OCT-2004.
PA   (NUVE-) NUVELO INC.
PA   (DRMA/) DRMANAC R T.
     Query Match   47.3%; Score 505; DB 8; Length 684;
     Best Local Similarity   95.9%; Pred. No. 8.2e-42;

RESULT 702
ID   AAM21122 standard; protein; 91 AA.
DE   Peptide #7556 encoded by probe for measuring cervical gene expression.
PN   WO200157278-A2.
PD   09-AUG-2001.
PA   (MOLE-) MOLECULAR DYNAMICS INC.
     Query Match   44.1%; Score 471; DB 4; Length 91;
     Best Local Similarity 100.0%; Pred. No. 1.4e-39;

RESULT 703
ID   ABB43438 standard; peptide; 91 AA.
DE   Peptide #10944 encoded by human foetal liver single exon probe.
PN   WO200157277-A2.
PD   09-AUG-2001.
PA   (MOLE-) MOLECULAR DYNAMICS INC.
     Query Match   44.1%; Score 471; DB 4; Length 91;
     Best Local Similarity 100.0%; Pred. No. 1.4e-39;

RESULT 704
ID   AAM37326 standard; protein; 91 AA.
DE   Peptide #11363 encoded by probe for measuring placental gene expression.
PN   WO200157272-A2.
PD   09-AUG-2001.
PA   (MOLE-) MOLECULAR DYNAMICS INC.
     Query Match   44.1%; Score 471; DB 4; Length 91;
     Best Local Similarity 100.0%; Pred. No. 1.4e-39;

RESULT 705
ID   ABB26408 standard; protein; 91 AA.
DE   Protein #8407 encoded by probe for measuring heart cell gene expression.
PN   WO200157274-A2.
PD   09-AUG-2001.
PA   (MOLE-) MOLECULAR DYNAMICS INC.
     Query Match   44.1%; Score 471; DB 4; Length 91;
     Best Local Similarity 100.0%; Pred. No. 1.4e-39;

RESULT 706
ID   AAM77190 standard; protein; 91 AA.
DE   Human bone marrow expressed probe encoded protein SEQ ID NO: 37496.
PN   WO200157276-A2.
PD   09-AUG-2001.
PA   (MOLE-) MOLECULAR DYNAMICS INC.
     Query Match   44.1%; Score 471; DB 4; Length 91;
     Best Local Similarity 100.0%; Pred. No. 1.4e-39;

RESULT 707
ID   AAM64367 standard; protein; 91 AA.
DE   Human brain expressed single exon probe encoded protein SEQ ID NO: 36472.
PN   WO200157275-A2.
PD   09-AUG-2001.
PA   (MOLE-) MOLECULAR DYNAMICS INC.
     Query Match   44.1%; Score 471; DB 4; Length 91;
     Best Local Similarity 100.0%; Pred. No. 1.4e-39;

RESULT 708
ID   ABG58815 standard; peptide; 91 AA.
DE   Human liver peptide, SEQ ID No 37463.
PN   WO200157273-A2.
PD   09-AUG-2001.
PA   (MOLE-) MOLECULAR DYNAMICS INC.
     Query Match   44.1%; Score 471; DB 4; Length 91;
     Best Local Similarity 100.0%; Pred. No. 1.4e-39;

RESULT 709
ID   ABG46203 standard; peptide; 91 AA.
DE   Human peptide encoded by genome-derived single exon probe SEQ ID 35868.
PN   WO200186003-A2.
PD   15-NOV-2001.
PA   (MOLE-) MOLECULAR DYNAMICS INC.
     Query Match   44.1%; Score 471; DB 5; Length 91;
     Best Local Similarity 100.0%; Pred. No. 1.4e-39;

RESULT 710
ID   AAG00391 standard; protein; 97 AA.
DE   Human secreted protein, SEQ ID NO: 4472.
PN   EP1033401-A2.
PD   06-SEP-2000.
PA   (GEST) GENSET.
     Query Match   35.9%; Score 383; DB 3; Length 97;
     Best Local Similarity 100.0%; Pred. No. 1.3e-30;

RESULT 711
ID   AAY11662 standard; protein; 98 AA.
DE   Human 5' EST secreted protein SEQ ID NO:314.
PN   WO9906439-A2.
PD   11-FEB-1999.
PA   (GEST) GENSET.
     Query Match   35.9%; Score 383; DB 2; Length 98;
     Best Local Similarity 100.0%; Pred. No. 1.3e-30;

RESULT 712
ID   AAB32404 standard; protein; 90 AA.
DE   Human secreted protein sequence encoded by gene 3 SEQ ID NO:90.
PN   WO200047602-A1.
PD   17-AUG-2000.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match   30.9%; Score 330; DB 3; Length 90;
     Best Local Similarity 100.0%; Pred. No. 2.8e-25;

RESULT 713
ID   AAE26250 standard; protein; 289 AA.
DE   Human CD2001 protein #2.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   27.3%; Score 291; DB 5; Length 289;
     Best Local Similarity   34.6%; Pred. No. 1.3e-20;

RESULT 714
ID   ABW01810 standard; protein; 289 AA.
DE   Human CD2001 protein #3.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   27.3%; Score 291; DB 7; Length 289;
     Best Local Similarity   34.6%; Pred. No. 1.3e-20;

RESULT 715
ID   AAE26246 standard; protein; 217 AA.
DE   Human CD2001 protein transmembrane domain.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   27.0%; Score 288; DB 5; Length 217;
     Best Local Similarity   34.0%; Pred. No. 1.8e-20;

RESULT 716

```
ID   ABW01826 standard; protein; 217 AA.
DE   Human CD2001 protein extracellular domain.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             27.0%;  Score 288; DB 7;  Length 217;
     Best Local Similarity   34.0%;  Pred. No. 1.8e-20;
RESULT 718
ID   ABW01829 standard; protein; 236 AA.
DE   Human CD2001 protein #2.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             27.0%;  Score 288; DB 5;  Length 236;
     Best Local Similarity   34.0%;  Pred. No. 2e-20;
RESULT 719
ID   AAE26244 standard; protein; 270 AA.
DE   Human CD2001 mature protein.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             27.0%;  Score 288; DB 7;  Length 236;
     Best Local Similarity   34.0%;  Pred. No. 2e-20;
RESULT 720
ID   ABW01824 standard; protein; 270 AA.
DE   Human CD2001 mature protein.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             27.0%;  Score 288; DB 5;  Length 270;
     Best Local Similarity   34.0%;  Pred. No. 2.4e-20;
RESULT 721
ID   AAE12078 standard; protein; 289 AA.
DE   Dendritic cell (DC) DCLYR protein.
PN   WO20017273-A2.
PD   04-OCT-2001.
PA   (NOVS ) NOVARTIS AG.
PA   (NOVS ) NOVARTIS-ERFINDUNGEN VERW GES MBH.
     Query Match             27.0%;  Score 288; DB 4;  Length 270;
     Best Local Similarity   34.0%;  Pred. No. 2.4e-20;
RESULT 722
ID   AAE26243 standard; protein; 289 AA.
DE   Human CD2001 protein.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             27.0%;  Score 288; DB 5;  Length 289;
     Best Local Similarity   34.0%;  Pred. No. 2.6e-20;
RESULT 723
ID   AAE26251 standard; protein; 289 AA.
DE   Human CD2001 protein #3.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             27.0%;  Score 288; DB 5;  Length 289;
     Best Local Similarity   34.0%;  Pred. No. 2.6e-20;
RESULT 724
ID   AAE26253 standard; protein; 289 AA.
DE   Human CD2001 protein #5.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             27.0%;  Score 288; DB 5;  Length 289;
     Best Local Similarity   34.0%;  Pred. No. 2.6e-20;
RESULT 725
ID   ABP65110 standard; protein; 289 AA.
DE   Hypoxia-induced protein #36.
PN   WO20024665-A2.
PD   13-JUN-2002.
PA   (OXFO-) OXFORD BIOMEDICA UK LTD.
     Query Match             27.0%;  Score 288; DB 5;  Length 289;
     Best Local Similarity   34.0%;  Pred. No. 2.6e-20;
RESULT 726
ID   ABW01823 standard; protein; 289 AA.
DE   Human CD2001 protein #1.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             27.0%;  Score 288; DB 7;  Length 289;
     Best Local Similarity   34.0%;  Pred. No. 2.6e-20;
RESULT 727
ID   ABW01833 standard; protein; 289 AA.
DE   Human CD2001 protein #6.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             27.0%;  Score 288; DB 7;  Length 289;
     Best Local Similarity   34.0%;  Pred. No. 2.6e-20;
RESULT 728
ID   ABW01831 standard; protein; 289 AA.
DE   Human CD2001 protein #4.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             27.0%;  Score 288; DB 7;  Length 289;
     Best Local Similarity   34.0%;  Pred. No. 2.6e-20;
RESULT 729
ID   AAE26252 standard; protein; 289 AA.
DE   Human CD2001 protein #4.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             26.7%;  Score 285; DB 5;  Length 289;
     Best Local Similarity   33.5%;  Pred. No. 5.3e-20;
RESULT 730
ID   ABW01832 standard; protein; 289 AA.
DE   Human CD2001 protein #5.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             26.7%;  Score 285; DB 7;  Length 289;
     Best Local Similarity   33.5%;  Pred. No. 5.3e-20;
RESULT 731
ID   AAU74425 standard; protein; 610 AA.
DE   Human protein sequence #3, related to isolation of genes within SLE-1B.
PN   WO200188200-A2.
PD   22-NOV-2001.
PA   (TEXA ) UNIV TEXAS SYSTEM.
     Query Match             26.6%;  Score 283.5; DB 5;  Length 610;
     Best Local Similarity   34.7%;  Pred. No. 2.1e-19;
RESULT 732
ID   ADL57103 standard; protein; 615 AA.
DE   Human NOV5a protein SEQ ID NO:48.
PN   WO2004022723-A2.
PD   18-MAR-2004.
PA   (CURA-) CURAGEN CORP.
     Query Match             26.6%;  Score 283.5; DB 8;  Length 615;
     Best Local Similarity   34.7%;  Pred. No. 2.1e-19;
RESULT 733
ID   ADS98002 standard; protein; 632 AA.
DE   Protein factor discovery related isolated human polypeptide, SEQ ID 266.
PN   WO2004087874-A2.
PD   14-OCT-2004.
PA   (NUVE-) NUVELO INC.
PA   (DRMA/) DRMANAC R T.
     Query Match             26.6%;  Score 283.5; DB 8;  Length 632;
     Best Local Similarity   34.7%;  Pred. No. 2.2e-19;
RESULT 734
```

ID   ADS98001 standard; protein; 641 AA.
DE   Protein factor discovery related isolated human polypeptide, SEQ ID 265.
PN   WO2004087874-A2.
PD   14-OCT-2004.
PA   (NUVE-) NUVELO INC.
PA   (DRMA/) DRMANAC R T.
     Query Match   26.6%; Score 283.5; DB 8; Length 641;
     Best Local Similarity   34.7%; Pred. No. 2.3e-19;
RESULT 735
ID   ADO63782 standard; protein; 654 AA.
DE   Human Ly-9 polypeptide.
PN   US2004109862-A1.
PD   10-JUN-2004.
PA   (EMTA/) EMTAGE P C R.
     Query Match   26.6%; Score 283.5; DB 8; Length 654;
     Best Local Similarity   34.7%; Pred. No. 2.3e-19;
RESULT 736
ID   ADO78174 standard; protein; 654 AA.
DE   Human Ly-9 polypeptide.
PN   US2004109863-A1.
PD   10-JUN-2004.
PA   (EMTA/) EMTAGE P.
     Query Match   26.6%; Score 283.5; DB 8; Length 654;
     Best Local Similarity   34.7%; Pred. No. 2.3e-19;
RESULT 737
ID   ADS97999 standard; protein; 655 AA.
DE   Protein factor discovery related isolated human polypeptide, SEQ ID 263.
PN   WO2004087874-A2.
PD   14-OCT-2004.
PA   (NUVE-) NUVELO INC.
PA   (DRMA/) DRMANAC R T.
     Query Match   26.6%; Score 283.5; DB 8; Length 655;
     Best Local Similarity   34.7%; Pred. No. 2.3e-19;
RESULT 738
ID   ADS98003 standard; protein; 669 AA.
DE   Protein factor discovery related isolated human polypeptide, SEQ ID 267.
PN   WO2004087874-A2.
PD   14-OCT-2004.
PA   (NUVE-) NUVELO INC.
PA   (DRMA/) DRMANAC R T.
     Query Match   26.6%; Score 283.5; DB 8; Length 669;
     Best Local Similarity   34.7%; Pred. No. 2.4e-19;
RESULT 739
ID   AAU74424 standard; protein; 629 AA.
DE   Mouse protein sequence #3, related to isolation of genes within SLE-1B.
PN   WO200188200-A2.
PD   22-NOV-2001.
PA   (TEXA) UNIV TEXAS SYSTEM.
     Query Match   26.5%; Score 282.5; DB 9; Length 629;
     Best Local Similarity   36.0%; Pred. No. 2.8e-19;
RESULT 740
ID   ADY16550 standard; protein; 280 AA.
DE   PRO polypeptide SEQ ID NO 2356.
PN   WO2005016962-A2.
PD   24-FEB-2005.
PA   (GETH) GENENTECH INC.
     Query Match   26.3%; Score 280.5; DB 5; Length 280;
     Best Local Similarity   34.2%; Pred. No. 1.4e-19;
RESULT 741
ID   AAB47878 standard; protein; 328 AA.
DE   SCZ/CD84 protein.
PN   WO200202054-A2.
PD   10-JAN-2002.
PA   (RUTF) UNIV RUTGERS STATE NEW JERSEY.
     Query Match   26.3%; Score 280.5; DB 5; Length 328;
     Best Local Similarity   34.2%; Pred. No. 1.8e-19;
RESULT 742
ID   AAE26238 standard; protein; 328 AA.
DE   Human CD84 protein.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   26.3%; Score 280.5; DB 5; Length 328;

     Best Local Similarity   34.2%; Pred. No. 1.8e-19;
RESULT 743
ID   ADL82907 standard; protein; 328 AA.
DE   Human PRO24934, SEQ ID 109.
PN   WO200402097-A2.
PD   25-MAR-2004.
PA   (GETH) GENENTECH INC.
     Query Match   26.3%; Score 280.5; DB 8; Length 328;
     Best Local Similarity   34.2%; Pred. No. 1.8e-19;
RESULT 744
ID   ADO05708 standard; protein; 328 AA.
DE   Human leukocyte differentiation antigen CD84.
PN   WO2004032867-A2.
PD   22-APR-2004.
PA   (TOLE-) TOLERRX INC.
     Query Match   26.3%; Score 280.5; DB 8; Length 328;
     Best Local Similarity   34.2%; Pred. No. 1.8e-19;
RESULT 745
ID   ADQ19067 standard; protein; 328 AA.
DE   Human soft tissue sarcoma-upregulated protein - SEQ ID 1886.
PN   WO2004048938-A2.
PD   10-JUN-2004.
PA   (PROT-) PROTEIN DESIGN LABS INC.
     Query Match   26.3%; Score 280.5; DB 8; Length 328;
     Best Local Similarity   34.2%; Pred. No. 1.8e-19;
RESULT 746
ID   ADP23943 standard; protein; 328 AA.
DE   PRO polypeptide SEQ ID NO:1121.
PN   WO200404170-A2.
PD   21-MAY-2004.
PA   (GETH) GENENTECH INC.
     Query Match   26.3%; Score 280.5; DB 8; Length 328;
     Best Local Similarity   34.2%; Pred. No. 1.8e-19;
RESULT 747
ID   ADY16548 standard; protein; 328 AA.
DE   PRO polypeptide SEQ ID NO 2354.
PN   WO2005016962-A2.
PD   24-FEB-2005.
PA   (GETH) GENENTECH INC.
     Query Match   26.3%; Score 280.5; DB 9; Length 328;
     Best Local Similarity   34.2%; Pred. No. 1.8e-19;
RESULT 748
ID   ADY15656 standard; protein; 328 AA.
DE   PRO polypeptide SEQ ID NO 1462.
PN   WO2005016962-A2.
PD   24-FEB-2005.
PA   (GETH) GENENTECH INC.
     Query Match   26.3%; Score 280.5; DB 9; Length 328;
     Best Local Similarity   34.2%; Pred. No. 1.8e-19;
RESULT 749
ID   AAW74891 standard; protein; 329 AA.
DE   Human secreted protein encoded by gene 164 clone HSAWF26.
PN   WO9839448-A2.
PD   11-SEP-1998.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match   26.3%; Score 280.5; DB 2; Length 329;
     Best Local Similarity   34.2%; Pred. No. 1.8e-19;
RESULT 750
ID   ABG95343 standard; protein; 329 AA.
DE   Human novel secreted protein #164.
PN   US6420526-B1.
PD   16-JUL-2002.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match   26.3%; Score 280.5; DB 5; Length 329;
     Best Local Similarity   34.2%; Pred. No. 1.8e-19;
RESULT 751
ID   ABO34537 standard; protein; 329 AA.
DE   Region of human secreted protein encoded by cDNA sequence #164.
PN   US2003049618-A1.
PD   13-MAR-2003.
PA   (RUBE/) RUBEN S M.
PA   (ROSE/) ROSEN C A.
PA   (SOPP/) SOPPET D R.

PA (CART/) CARTER K C.
PA (BEDN/) BEDNARIK D P.
PA (ENDR/) ENDRESS G A.
PA (YUGG/) YU G.
PA (NIJJ/) NI J.
PA (FENG/) FENG P.
PA (YOUN/) YOUNG P E.
PA (GREE/) GREENE J M.
PA (FERR/) FERRIE A M.
PA (DUAN/) DUAN D R.
PA (HUJJ/) HU J.
PA (FLOR/) FLORENCE K A.
PA (OLSE/) OLSEN H S.
PA (FISC/) FISCHER C L.
PA (EBNE/) EBNER R.
PA (BREW/) BREWER L A.
PA (MOOR/) MOORE P A.
PA (SHIY/) SHI Y.
PA (LAFL/) LAFLEUR D W.
PA (LIYY/) LI Y.
PA (ZENG/) ZENG Z.
PA (KYAW/) KYAW H.
    Query Match   26.3%;   Score 280.5; DB 6; Length 329;
    Best Local Similarity 34.2%;   Pred. No. 1.8e-19;
RESULT 752
ID ADI23198 standard; protein; 329 AA.
DE Novel human secreted protein seq id 483.
PN US2003175858-A1.
PD 18-SEP-2003.
PA (RUBE/) RUBEN S M.
PA (ROSE/) ROSEN C A.
PA (SOPP/) SOPPET D R.
PA (CART/) CARTER K C.
PA (BEDN/) BEDNARIK D P.
PA (ENDR/) ENDRESS G A.
PA (YUGG/) YU G.
PA (NIJJ/) NI J.
PA (FENG/) FENG P.
PA (YOUN/) YOUNG P E.
PA (GREE/) GREENE J M.
PA (FERR/) FERRIE A M.
PA (DUAN/) DUAN D R.
PA (HUJJ/) HU J.
PA (FLOR/) FLORENCE K A.
PA (OLSE/) OLSEN H S.
PA (FISC/) FISCHER C L.
PA (EBNE/) EBNER R.
PA (BREW/) BREWER L A.
PA (MOOR/) MOORE P A.
PA (SHIY/) SHI Y.
PA (LAFL/) LAFLEUR D W.
PA (LIYY/) LI Y.
PA (ZENG/) ZENG Z.
PA (KYAW/) KYAW H.
    Query Match   26.3%;   Score 280.5; DB 8; Length 329;
    Best Local Similarity 34.2%;   Pred. No. 1.8e-19;
RESULT 753
ID ADH74200 standard; protein; 329 AA.
DE Human secreted protein #164.
PN US2003225248-A1.
PD 04-DEC-2003.
PA (HUMA-) HUMAN GENOME SCI INC.
    Query Match   26.3%;   Score 280.5; DB 8; Length 329;
    Best Local Similarity 34.2%;   Pred. No. 1.8e-19;
RESULT 754
ID ADS98832 standard; protein; 284 AA.
DE Protein factor discovery related human contig polypeptide, SEQ ID 1096.
PN WO2004087874-A2.
PD 14-OCT-2004.
PA (NUVE-) NUVELO INC.
PA (DRMA/) DRMANAC R T.
    Query Match   25.8%;   Score 275.5; DB 8; Length 284;
    Best Local Similarity 34.0%;   Pred. No. 4.7e-19;

RESULT 755
ID AEA20174 standard; protein; 284 AA.
DE Novel human polypeptide SEQ ID NO 868.
PN WO2005049806-A2.
PD 02-JUN-2005.
PA (NUVE-) NUVELO INC.
    Query Match   25.8%;   Score 275.5; DB 9; Length 284;
    Best Local Similarity 34.0%;   Pred. No. 4.7e-19;
RESULT 756
ID ADL57243 standard; protein; 526 AA.
DE Human NOV5c protein SEQ ID NO:188.
PN WO2004022723-A2.
PD 18-MAR-2004.
PA (CURA-) CURAGEN CORP.
    Query Match   25.8%;   Score 275.5; DB 8; Length 526;
    Best Local Similarity 34.0%;   Pred. No. 1.1e-18;
RESULT 757
ID ADL57105 standard; protein; 526 AA.
DE Human NOV5b protein SEQ ID NO:50.
PN WO2004022723-A2.
PD 18-MAR-2004.
PA (CURA-) CURAGEN CORP.
    Query Match   25.8%;   Score 275.5; DB 8; Length 526;
    Best Local Similarity 34.0%;   Pred. No. 1.1e-18;
RESULT 758
ID ABG96270 standard; protein; 551 AA.
DE Human immunoglobulin superfamily protein IGSFP-8.
PN WO200272794-A2.
PD 19-SEP-2002.
PA (INCY-) INCYTE GENOMICS INC.
    Query Match   25.8%;   Score 275.5; DB 5; Length 551;
    Best Local Similarity 34.0%;   Pred. No. 1.2e-18;
RESULT 759
ID ADK98560 standard; protein; 565 AA.
DE Human immune response associated protein IRAP-23 protein.
PN WO2004020593-A2.
PD 11-MAR-2004.
PA (INCY-) INCYTE CORP.
    Query Match   25.8%;   Score 275.5; DB 8; Length 565;
    Best Local Similarity 34.0%;   Pred. No. 1.2e-18;
RESULT 760
ID ADR20041 standard; protein; 91 AA.
DE Human immune response associated protein (IRAP), seq id 1.
PN WO2004048550-A2.
PD 10-JUN-2004.
PA (INCY-) INCYTE CORP.
    Query Match   25.5%;   Score 272; DB 8; Length 91;
    Best Local Similarity 100.0%;   Pred. No. 2.2e-19;
RESULT 761
ID AAU09867 standard; protein; 220 AA.
DE Novel human secreted protein #8.
PN WO200179454-A1.
PD 25-OCT-2001.
PA (SMIK) SMITHKLINE BEECHAM CORP.
PA (SMIK) SMITHKLINE BEECHAM PLC.
    Query Match   23.5%;   Score 251; DB 5; Length 220;
    Best Local Similarity 35.4%;   Pred. No. 1e-16;
RESULT 762
ID AAE26239 standard; protein; 331 AA.
DE Human CD2000 protein #3.
PN EP1223218-A1.
PD 17-JUL-2002.
PA (MILL-) MILLENNIUM PHARM INC.
    Query Match   23.3%;   Score 249; DB 5; Length 331;
    Best Local Similarity 35.6%;   Pred. No. 2.9e-16;
RESULT 763
ID ABW01818 standard; protein; 331 AA.
DE Human CD2000 protein #2.
PN US2003180888-A1.
PD 25-SEP-2003.
PA (MILL-) MILLENNIUM PHARM INC.
    Query Match   23.3%;   Score 249; DB 7; Length 331;
    Best Local Similarity 35.6%;   Pred. No. 2.9e-16;

RESULT 764
ID   AAE26231 standard; protein; 195 AA.
DE   Human CD2000 protein #2.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   23.0%;   Score 245;   DB 5;   Length 195;
     Best Local Similarity   35.1%;   Pred. No. 3.5e-16;
RESULT 765
ID   ABW01810 standard; protein; 195 AA.
DE   Human CD2000 protein extracellular domain #4.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   23.0%;   Score 245;   DB 7;   Length 195;
     Best Local Similarity   35.1%;   Pred. No. 3.5e-16;
RESULT 766
ID   AAE26232 standard; protein; 203 AA.
DE   Human CD2000 protein transmembrane domain.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   23.0%;   Score 245;   DB 5;   Length 203;
     Best Local Similarity   35.1%;   Pred. No. 3.7e-16;
RESULT 767
ID   ABW01811 standard; protein; 203 AA.
DE   Human CD2000 protein extracellular domain #5.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   23.0%;   Score 245;   DB 7;   Length 203;
     Best Local Similarity   35.1%;   Pred. No. 3.7e-16;
RESULT 768
ID   ADZ13233 standard; protein; 271 AA.
DE   Human cancer-associated protein #236.
PN   WO2005031001-A2.
PD   07-APR-2005.
PA   (CHIR) CHIRON CORP.
     Query Match   23.0%;   Score 245;   DB 9;   Length 271;
     Best Local Similarity   35.1%;   Pred. No. 5.5e-16;
RESULT 769
ID   AAE26222 standard; protein; 309 AA.
DE   Human CD2000 mature protein.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   23.0%;   Score 245;   DB 5;   Length 309;
     Best Local Similarity   35.1%;   Pred. No. 6.6e-16;
RESULT 770
ID   ABW01801 standard; protein; 309 AA.
DE   Human CD2000 mature protein.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   23.0%;   Score 245;   DB 7;   Length 309;
     Best Local Similarity   35.1%;   Pred. No. 6.6e-16;
RESULT 771
ID   ADZ13235 standard; protein; 317 AA.
DE   Human cancer-associated protein #237.
PN   WO2005031001-A2.
PD   07-APR-2005.
PA   (CHIR) CHIRON CORP.
     Query Match   23.0%;   Score 245;   DB 9;   Length 317;
     Best Local Similarity   35.1%;   Pred. No. 6.8e-16;
RESULT 772
ID   ABB90183 standard; protein; 331 AA.
DE   Human polypeptide SEQ ID NO 2559.
PN   WO200190304-A2.
PD   29-NOV-2001.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match   23.0%;   Score 245;   DB 5;   Length 331;
     Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 773
ID   AAE26220 standard; protein; 331 AA.
DE   Human CD2000 protein.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   23.0%;   Score 245;   DB 5;   Length 331;
     Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 774
ID   ABR39107 standard; protein; 331 AA.
DE   Human NTB-A protein SEQ ID NO:2.
PN   WO2003008449-A1.
PD   30-JAN-2003.
PA   (INNA-) INNATE PHARMA.
PA   (UYGE-) UNIV GENOVA.
     Query Match   23.0%;   Score 245;   DB 6;   Length 331;
     Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 775
ID   ABU03145 standard; protein; 331 AA.
DE   Human immunoglobulin (Ig) APEX4 protein.
PN   WO200277173-A2.
PD   03-OCT-2002.
PA   (BRIM) BRISTOL-MYERS SQUIBB CO.
     Query Match   23.0%;   Score 245;   DB 6;   Length 331;
     Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 776
ID   ADC52556 standard; protein; 331 AA.
DE   human dendritic cell membrane protein #SEQ ID 9.
PN   JP2003052374-A.
PD   25-FEB-2003.
PA   (KIRI) KIRIN BREWERY KK.
     Query Match   23.0%;   Score 245;   DB 7;   Length 331;
     Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 777
ID   ABW01799 standard; protein; 331 AA.
DE   Human CD2000 protein #1.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match   23.0%;   Score 245;   DB 7;   Length 331;
     Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 778
ID   ADI37022 standard; protein; 331 AA.
DE   Novel human secreted and transmembrane protein PRO 71240.
PN   WO2004004649-A2.
PD   15-JAN-2004.
PA   (GETH) GENENTECH INC.
     Query Match   23.0%;   Score 245;   DB 8;   Length 331;
     Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 779
ID   ADQ66345 standard; protein; 331 AA.
DE   Novel human protein sequence #1318.
PN   EP1440981-A2.
PD   28-JUL-2004.
PA   (REAS-) RES ASSOC BIOTECHNOLOGY.
     Query Match   23.0%;   Score 245;   DB 8;   Length 331;
     Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 780
ID   ADY19410 standard; protein; 331 AA.
DE   PRO polypeptide SEQ ID NO 5236.
PN   WO2005016962-A2.
PD   24-FEB-2005.
PA   (GETH) GENENTECH INC.
     Query Match   23.0%;   Score 245;   DB 9;   Length 331;
     Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 781
ID   ADZ13231 standard; protein; 331 AA.
DE   Human cancer-associated protein #235.
PN   WO2005031001-A2.
PD   07-APR-2005.
PA   (CHIR) CHIRON CORP.
     Query Match   23.0%;   Score 245;   DB 9;   Length 331;
     Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 782

ID   AEB98756 standard; protein; 331 AA.
DE   Human dendritic cell membrane molecule, SEQ ID 2.
PN   JP2005206478-A.
PD   04-AUG-2005.
PA   (KIRI) KIRIN BREWERY KK.
Query Match   23.0%; Score 245; DB 9; Length 331;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 783
ID   AAG63166 standard; protein; 332 AA.
DE   Amino acid sequence of a CD84-like polypeptide.
PN   WO20015336-A2.
PD   02-AUG-2001.
PA   (HYSE-) HYSEQ INC.
Query Match   23.0%; Score 245; DB 4; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 784
ID   ABG96267 standard; protein; 332 AA.
DE   Human immunoglobulin superfamily protein IGSFP-5.
PN   WO200272794-A2.
PD   19-SEP-2002.
PA   (INCY-) INCYTE GENOMICS INC.
Query Match   23.0%; Score 245; DB 5; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 785
ID   ABG34067 standard; protein; 332 AA.
DE   Human Pro peptide #38.
PN   WO20024888-A2.
PD   28-MAR-2002.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 5; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 786
ID   ABU03170 standard; protein; 332 AA.
DE   Human immunoglobulin (Ig) APEX4v1 protein.
PN   WO200277173-A2.
PD   03-OCT-2002.
PA   (BRIM) BRISTOL-MYERS SQUIBB CO.
Query Match   23.0%; Score 245; DB 6; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 787
ID   ADA37159 standard; protein; 332 AA.
DE   Human PRO20080 protein SEQ ID NO:2.
PN   WO2003055440-A2.
PD   10-JUL-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 6; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 788
ID   ADA01344 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003068779-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 6; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 789
ID   ADA43773 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003064474-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 6; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 790
ID   ADA43541 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003073196-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 6; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 791
ID   ADA01216 standard; protein; 332 AA.

DE   Human PRO polypeptide #38.
PN   US2003068782-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 6; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 792
ID   ADA01100 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003068780-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 7; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 793
ID   ADA43657 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003073190-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 7; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 794
ID   ADA06919 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003068781-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 7; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 795
ID   ADA08407 standard; protein; 332 AA.
DE   Novel human secreted and transmembrane protein PRO20080.
PN   US2003068783-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 7; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 796
ID   ADB99700 standard; protein; 332 AA.
DE   Human PRO polypeptide SEQ ID 76.
PN   US2003082728-A1.
PD   01-MAY-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 7; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 797
ID   ADB86983 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003082726-A1.
PD   01-MAY-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 7; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 798
ID   ADB66138 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003082729-A1.
PD   01-MAY-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 7; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 799
ID   ADB99816 standard; protein; 332 AA.
DE   Human PRO polypeptide SEQ ID 76.
PN   US2003073192-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
Query Match   23.0%; Score 245; DB 7; Length 332;
Best Local Similarity   35.1%; Pred. No. 7.3e-16;

RESULT 800
ID   ADB99471 standard; protein; 332 AA.
DE   Novel human secreted and transmembrane protein PRO20080.

```
PN  US2003082731-A1.
PD  01-MAY-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 801
ID  ADB66022 standard; protein; 332 AA.
DE  Human secreted/transmembrane polypeptide PRO20080.
PN  US2003082732-A1.
PD  01-MAY-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 802
ID  ADC23420 standard; protein; 332 AA.
DE  Human transmembrane PRO polypeptide (SeqID 76).
PN  US2003073193-A1.
PD  17-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 803
ID  ADC26113 standard; protein; 332 AA.
DE  Human PRO20080 protein.
PN  US2003073194-A1.
PD  17-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 804
ID  ADE04940 standard; protein; 332 AA.
DE  Human PRO polypeptide #38.
PN  US2003068778-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 805
ID  ADE11246 standard; protein; 332 AA.
DE  Human PRO polypeptide #38.
PN  US2003073191-A1.
PD  17-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 806
ID  ADD88177 standard; protein; 332 AA.
DE  Human PRO polypeptide #38.
PN  US2003082733-A1.
PD  01-MAY-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 807
ID  ADD95472 standard; protein; 332 AA.
DE  Human secreted/transmembrane polypeptide PRO20080.
PN  US2003064473-A1.
PD  03-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 808
ID  ADE06402 standard; protein; 332 AA.
DE  Human PRO polypeptide #38.
PN  US2003073195-A1.
PD  17-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 809
ID  ADE38177 standard; protein; 332 AA.
DE  Human PRO polypeptide #38.
PN  US2003119120-A1.

PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 810
ID  ADB88293 standard; protein; 332 AA.
DE  Human PRO polypeptide #38.
PN  US2003073189-A1.
PD  17-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 811
ID  ADD90874 standard; protein; 332 AA.
DE  Human secreted/transmembrane polypeptide PRO20080.
PN  US2003073188-A1.
PD  17-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 812
ID  ADF99429 standard; protein; 332 AA.
DE  Human secreted/transmembrane polypeptide PRO20080.
PN  US2003078401-A1.
PD  24-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 813
ID  ADG06522 standard; protein; 332 AA.
DE  Human PRO polypeptide #38.
PN  US2003077742-A1.
PD  24-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 814
ID  ADG05473 standard; protein; 332 AA.
DE  Human PRO polypeptide #38.
PN  US2003077741-A1.
PD  24-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 815
ID  ADG82474 standard; protein; 332 AA.
DE  Human PRO polypeptide #38.
PN  US2003077744-A1.
PD  24-APR-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 7;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 816
ID  ADE51727 standard; protein; 332 AA.
DE  Human secreted/transmembrane polypeptide PRO20080.
PN  US2003104560-A1.
PD  05-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 8;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 817
ID  ADE51843 standard; protein; 332 AA.
DE  Human secreted/transmembrane polypeptide PRO20080.
PN  US2003104561-A1.
PD  05-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match    23.0%;  Score 245;  DB 8;  Length 332;
    Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 818
ID  ADE37701 standard; protein; 332 AA.
DE  Human secreted/transmembrane polypeptide PRO20080.
PN  US2003104564-A1.
PD  05-JUN-2003.
```

```
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 819
ID   ADE37585 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003104565-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 820
ID   ADD95356 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003138901-A1.
PD   24-JUL-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 821
ID   ADE52379 standard; protein; 332 AA.
DE   Human PRO20080.
PN   US2003099661-A1.
PD   29-MAY-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 822
ID   ADE38056 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003104566-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 823
ID   ADE76145 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003119117-A1.
PD   03-JUL-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 824
ID   ADE39468 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003119117-A1.
PD   26-JUN-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 825
ID   ADE04272 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003096364-A1.
PD   22-MAY-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 826
ID   ADE39869 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003138896-A1.
PD   24-JUL-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 827
ID   ADE19734 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003138903-A1.
PD   24-JUL-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 828
ID   ADE77312 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003124666-A1.
PD   03-JUL-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 829
ID   ADE65420 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003119116-A1.
PD   26-JUN-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 830
ID   ADE76029 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003124663-A1.
PD   03-JUL-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 831
ID   ADE37940 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003119119-A1.
PD   26-JUN-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 832
ID   ADE64550 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003119114-A1.
PD   26-JUN-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 833
ID   ADE38885 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003096363-A1.
PD   22-MAY-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 834
ID   ADE51959 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003138902-A1.
PD   24-JUL-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 835
ID   ADD90990 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003104562-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
       Best Local Similarity    35.1%;   Pred. No. 7.3e-16;
RESULT 836
ID   ADE38769 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003108996-A1.
PD   12-JUN-2003.
PA   (GETH ) GENENTECH INC.
       Query Match              23.0%;   Score 245;  DB 8;  Length 332;
```

Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 837
ID   ADE37469 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003104563-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 838
ID   ADE06286 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003138898-A1.
PD   24-JUL-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 839
ID   ADD90145 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003138904-A1.
PD   24-JUL-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 840
ID   ADE38653 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003119086-A1.
PD   26-JUN-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 841
ID   ADE39584 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003119118-A1.
PD   26-JUN-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 842
ID   ADD89189 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003138897-A1.
PD   24-JUL-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 843
ID   ADD88956 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003138899-A1.
PD   24-JUL-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 844
ID   ADE19850 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003138900-A1.
PD   24-JUL-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 845
ID   ADE77428 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003124667-A1.
PD   03-JUL-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;

RESULT 846
ID   ADE65304 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003119913-A1.
PD   26-JUN-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 847
ID   ADE39352 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003119115-A1.
PD   26-JUN-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 848
ID   ADE38537 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003104559-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 849
ID   ADG11090 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003170809-A1.
PD   11-SEP-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 850
ID   ADG10974 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003077743-A1.
PD   24-APR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 851
ID   ADH31502 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003119119-A1.
PD   26-JUN-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 852
ID   ADH38750 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003119140-A1.
PD   26-JUN-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 853
ID   ADH29385 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003119137-A1.
PD   26-JUN-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 854
ID   ADH23688 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003119143-A1.
PD   26-JUN-2003.
PA   (GETH) GENENTECH INC.
      Query Match   23.0%; Score 245; DB 8; Length 332;
      Best Local Similarity 35.1%; Pred. No. 7.3e-16;
RESULT 855

```
ID  ADH27018 standard; protein; 332 AA.
DE  Human secreted/transmembrane polypeptide PRO20080.
PN  US2003119115-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 856
ID  ADH38286 standard; protein; 332 AA.
DE  Novel human secreted and transmembrane protein PRO20080.
PN  US2003119124-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 857
ID  ADH26902 standard; protein; 332 AA.
DE  Human secreted/transmembrane polypeptide PRO20080.
PN  US2003119134-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 858
ID  ADH38170 standard; protein; 332 AA.
DE  Novel human secreted and transmembrane protein PRO20080.
PN  US2003119123-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 859
ID  ADH38866 standard; protein; 332 AA.
DE  Human secreted/transmembrane polypeptide PRO20080.
PN  US2003119141-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 860
ID  ADH23804 standard; protein; 332 AA.
DE  Human PRO20080 protein.
PN  US2003119142-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 861
ID  ADH40179 standard; protein; 332 AA.
DE  Human PRO20080 protein.
PN  US2003119133-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 862
ID  ADH40064 standard; protein; 332 AA.
DE  Human PRO20080 protein.
PN  US2003119132-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 863
ID  ADH31386 standard; protein; 332 AA.
DE  Human PRO polypeptide #38.
PN  US2003119118-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 864
ID  ADH29264 standard; protein; 332 AA.
DE  Human secreted/transmembrane polypeptide PRO20080.
PN  US2003119136-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 865
ID  ADH49479 standard; protein; 332 AA.
DE  Novel human secreted and transmembrane protein PRO20080.
PN  US2003119127-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 866
ID  ADH51943 standard; protein; 332 AA.
DE  Novel human secreted and transmembrane protein PRO20080.
PN  US2003119125-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 867
ID  ADH49798 standard; protein; 332 AA.
DE  Novel human secreted and transmembrane protein PRO20080.
PN  US2003119128-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 868
ID  ADH52399 standard; protein; 332 AA.
DE  Novel human secreted and transmembrane protein PRO20080.
PN  US2003119130-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 869
ID  ADH52515 standard; protein; 332 AA.
DE  Novel human secreted and transmembrane protein PRO20080.
PN  US2003119129-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 870
ID  ADH58512 standard; protein; 332 AA.
DE  Novel human secreted and transmembrane protein PRO20080.
PN  US2003119121-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 871
ID  ADH51827 standard; protein; 332 AA.
DE  Novel human secreted and transmembrane protein PRO20080.
PN  US2003119126-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 872
ID  ADH58388 standard; protein; 332 AA.
DE  Novel human secreted and transmembrane protein PRO20080.
PN  US2003119122-A1.
PD  26-JUN-2003.
PA  (GETH ) GENENTECH INC.
    Query Match             23.0%;   Score 245;  DB 8;  Length 332;
    Best Local Similarity   35.1%;   Pred. No. 7.3e-16;
RESULT 873
ID  ADI13585 standard; protein; 332 AA.
DE  Novel human secreted and transmembrane protein PRO20080.
```

```
PN   US2003119131-A1.
PD   26-JUN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match    23.0%;  Score 245;  DB 8;  Length 332;
     Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 874
ID   ADK00841 standard; protein; 332 AA.
DE   Human PRO polypeptide #38.
PN   US2003186373-A1.
PD   02-OCT-2003.
PA   (GETH ) GENENTECH INC.
     Query Match    23.0%;  Score 245;  DB 8;  Length 332;
     Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 875
ID   ADL08582 standard; protein; 332 AA.
DE   Human secreted/transmembrane polypeptide PRO20080.
PN   US2003186372-A1.
PD   02-OCT-2003.
PA   (GETH ) GENENTECH INC.
     Query Match    23.0%;  Score 245;  DB 8;  Length 332;
     Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 876
ID   ADS10567 standard; protein; 332 AA.
DE   Human therapeutic protein - SEQ ID 804.
PN   WO200080148-A2.
PD   23-SEP-2004.
PA   (NUVE-) NUVELO INC.
     Query Match    23.0%;  Score 245;  DB 8;  Length 332;
     Best Local Similarity  35.1%;  Pred. No. 7.3e-16;
RESULT 877
ID   AAU09868 standard; protein; 346 AA.
DE   Novel human secreted protein #9.
PN   WO200179454-A1.
PD   25-OCT-2001.
PA   (SMIK ) SMITHKLINE BEECHAM CORP.
PA   (SMIK ) SMITHKLINE BEECHAM PLC.
     Query Match    23.0%;  Score 245;  DB 5;  Length 346;
     Best Local Similarity  35.1%;  Pred. No. 7.7e-16;
RESULT 878
ID   AEB98758 standard; protein; 445 AA.
DE   Dendritic cell membrane molecule-immunoglobulin (Ig)Fc fusion protein.
PN   JP200506478-A.
PD   04-AUG-2005.
PA   (KIRI ) KIRIN BREWERY KK.
     Query Match    23.0%;  Score 245;  DB 9;  Length 445;
     Best Local Similarity  35.1%;  Pred. No. 1.1e-15;
RESULT 879
ID   AAE26241 standard; protein; 331 AA.
DE   Human CD2000 protein #5.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match    22.9%;  Score 244;  DB 5;  Length 331;
     Best Local Similarity  35.1%;  Pred. No. 9.2e-16;
RESULT 880
ID   ABW01820 standard; protein; 331 AA.
DE   Human CD2000 protein #4.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match    22.9%;  Score 244;  DB 7;  Length 331;
     Best Local Similarity  35.1%;  Pred. No. 9.2e-16;
RESULT 881
ID   AAE26240 standard; protein; 331 AA.
DE   Human CD2000 protein #4.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match    22.8%;  Score 243;  DB 5;  Length 331;
     Best Local Similarity  35.1%;  Pred. No. 1.2e-15;
RESULT 882
ID   ABW01819 standard; protein; 331 AA.
DE   Human CD2000 protein #3.


PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match    22.8%;  Score 243;  DB 7;  Length 331;
     Best Local Similarity  35.1%;  Pred. No. 1.2e-15;
RESULT 883
ID   ADK41513 standard; protein; 331 AA.
DE   Anti-cell surface antigen related protein #1.
PN   WO200306935-A2.
PD   21-AUG-2003.
PA   (NUVE-) NUVELO INC.
     Query Match    22.8%;  Score 243;  DB 7;  Length 331;
     Best Local Similarity  35.1%;  Pred. No. 1.2e-15;
RESULT 884
ID   AAE26242 standard; protein; 331 AA.
DE   Human CD2000 protein #6.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match    22.6%;  Score 241;  DB 5;  Length 331;
     Best Local Similarity  35.1%;  Pred. No. 1.8e-15;
RESULT 885
ID   ABW01821 standard; protein; 331 AA.
DE   Human CD2000 protein #5.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match    22.6%;  Score 241;  DB 7;  Length 331;
     Best Local Similarity  35.1%;  Pred. No. 1.8e-15;
RESULT 886
ID   AEA23943 standard; protein; 423 AA.
DE   Human PRO polypeptide SEQ ID NO 485.
PN   WO200505198-A2.
PD   09-JUN-2005.
PA   (GETH ) GENENTECH INC.
     Query Match    21.7%;  Score 231.5;  DB 9;  Length 423;
     Best Local Similarity  35.8%;  Pred. No. 2.4e-14;
RESULT 887
ID   ABB53268 standard; protein; 229 AA.
DE   Human polypeptide #8.
PN   WO200181363-A1.
PD   01-NOV-2001.
PA   (SMIK ) SMITHKLINE BEECHAM CORP.
PA   (SMIK ) SMITHKLINE BEECHAM PLC.
     Query Match    20.5%;  Score 218.5;  DB 5;  Length 229;
     Best Local Similarity  30.7%;  Pred. No. 2.1e-13;
RESULT 888
ID   ABB53269 standard; protein; 310 AA.
DE   Human polypeptide #9.
PN   WO200181363-A1.
PD   01-NOV-2001.
PA   (SMIK ) SMITHKLINE BEECHAM CORP.
PA   (SMIK ) SMITHKLINE BEECHAM PLC.
     Query Match    20.5%;  Score 218.5;  DB 5;  Length 310;
     Best Local Similarity  30.7%;  Pred. No. 3.2e-13;
RESULT 889
ID   AAE26225 standard; protein; 159 AA.
DE   Human CD2000 protein #1.
PN   EP1223218-A1.
PD   17-JUL-2002.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match    18.8%;  Score 200.5;  DB 5;  Length 159;
     Best Local Similarity  35.2%;  Pred. No. 8.6e-12;
RESULT 890
ID   ABW01804 standard; protein; 159 AA.
DE   Human CD2000 protein cytoplasmic domain #1.
PN   US2003180888-A1.
PD   25-SEP-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match    18.8%;  Score 200.5;  DB 7;  Length 159;
     Best Local Similarity  35.2%;  Pred. No. 8.6e-12;
RESULT 891
ID   ADZ13228 standard; protein; 331 AA.
```

DE Murine cancer-associated protein #79.
PN WO200503001-A2.
PD 07-APR-2005.
PA (CHIR) CHIRON CORP.
 Query Match   18.3%; Score 195.5; DB 9; Length 331;
 Best Local Similarity 30.3%; Pred. No. 7.7e-11;
RESULT 892
ID AAB47322 standard; protein; 351 AA.
DE APEX-2.
PN WO200146260-A2.
PD 28-JUN-2001.
PA (BRIM) BRISTOL-MYERS SQUIBB CO.
 Query Match   18.3%; Score 195.5; DB 4; Length 351;
 Best Local Similarity 30.3%; Pred. No. 8.3e-11;
RESULT 893
ID ABB89245 standard; protein; 168 AA.
DE Human polypeptide SEQ ID NO 1621.
PN WO200190304-A2.
PD 29-NOV-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
 Query Match   17.8%; Score 190; DB 5; Length 168;
 Best Local Similarity 38.0%; Pred. No. 1.1e-10;
RESULT 894
ID ABM85690 standard; protein; 275 AA.
DE Mouse protein sequence mCP1591.
PN WO200307826-A2.
PD 12-SEP-2003.
PA (SAGR-) SAGRES DISCOVERY.
 Query Match   17.7%; Score 188.5; DB 7; Length 275;
 Best Local Similarity 29.7%; Pred. No. 3e-10;
RESULT 895
ID ABW01429 standard; protein; 211 AA.
DE Murine TANGO 195 protein extracellular domain.
PN US2003113865-A1.
PD 19-JUN-2003.
PA (MILL-) MILLENNIUM PHARM INC.
 Query Match   13.7%; Score 146.5; DB 7; Length 211;
 Best Local Similarity 28.6%; Pred. No. 3.8e-06;
RESULT 896
ID ABW01428 standard; protein; 258 AA.
DE Murine TANGO 195 mature protein.
PN US2003113865-A1.
PD 19-JUN-2003.
PA (MILL-) MILLENNIUM PHARM INC.
 Query Match   13.7%; Score 146.5; DB 7; Length 258;
 Best Local Similarity 28.6%; Pred. No. 5.1e-06;
RESULT 897
ID AAY92181 standard; protein; 278 AA.
DE Murine TANGO 195.
PN WO200018800-A1.
PD 06-APR-2000.
PA (MILL-) MILLENNIUM BIOTHERAPEUTICS INC.
 Query Match   13.7%; Score 146.5; DB 3; Length 278;
 Best Local Similarity 28.6%; Pred. No. 5.6e-06;
RESULT 898
ID ABG74266 standard; protein; 278 AA.
DE Human transmembrane protein TANGO 195 form 2.
PN US2002155526-A1.
PD 24-OCT-2002.
PA (BUSF/) BUSFIELD S J.
 Query Match   13.7%; Score 146.5; DB 6; Length 278;
 Best Local Similarity 28.6%; Pred. No. 5.6e-06;
RESULT 899
ID ABW01426 standard; protein; 278 AA.
DE Murine TANGO 195 protein.
PN US2003113865-A1.
PD 19-JUN-2003.
PA (MILL-) MILLENNIUM PHARM INC.
 Query Match   13.7%; Score 146.5; DB 7; Length 278;
 Best Local Similarity 28.6%; Pred. No. 5.6e-06;
RESULT 900
ID AAR97633 standard; protein; 329 AA.
DE Mouse SLAM2 T-cell co-stimulatory protein.

PN WO9617060-A1.
PD 06-JUN-1996.
PA (SCHE) SCHERING CORP.
 Query Match   13.4%; Score 143.5; DB 2; Length 329;
 Best Local Similarity 31.4%; Pred. No. 1.4e-05;
RESULT 901
ID AAU11928 standard; protein; 329 AA.
DE Mouse protein sequence #1, related to isolation of genes within SLE-1B.
PN WO200188200-A2.
PD 22-NOV-2001.
PA (TEXA) UNIV TEXAS SYSTEM.
 Query Match   13.4%; Score 143.5; DB 5; Length 329;
 Best Local Similarity 31.4%; Pred. No. 1.4e-05;
RESULT 902
ID AAR97632 standard; protein; 343 AA.
DE Mouse SLAM1 T-cell co-stimulatory protein.
PN WO9617060-A1.
PD 06-JUN-1996.
PA (SCHE) SCHERING CORP.
 Query Match   13.4%; Score 143.5; DB 2; Length 343;
 Best Local Similarity 31.4%; Pred. No. 1.5e-05;
RESULT 903
ID AAR97629 standard; protein; 298 AA.
DE Human SLAM2 T-cell co-stimulatory protein.
PN WO9617060-A1.
PD 06-JUN-1996.
PA (SCHE) SCHERING CORP.
 Query Match   13.3%; Score 142; DB 2; Length 298;
 Best Local Similarity 25.4%; Pred. No. 1.8e-05;
RESULT 904
ID ABB90778 standard; protein; 298 AA.
DE Human Tumour Endothelial Marker polypeptide SEQ ID NO 287.
PN WO200210217-A2.
PD 07-FEB-2002.
PA (UYJO) UNIV JOHNS HOPKINS.
 Query Match   13.3%; Score 142; DB 5; Length 298;
 Best Local Similarity 25.4%; Pred. No. 1.8e-05;
RESULT 905
ID ABU54485 standard; protein; 298 AA.
DE Human normal endothelial marker NEM 23 short.
PN WO200283874-A2.
PD 24-OCT-2002.
PA (UYJO) UNIV JOHNS HOPKINS.
 Query Match   13.3%; Score 142; DB 2; Length 298;
 Best Local Similarity 25.4%; Pred. No. 1.8e-05;
RESULT 906
ID AAR97630 standard; protein; 305 AA.
DE Human SLAM3 T-cell co-stimulatory protein.
PN WO9617060-A1.
PD 06-JUN-1996.
PA (SCHE) SCHERING CORP.
 Query Match   13.3%; Score 142; DB 6; Length 305;
 Best Local Similarity 25.4%; Pred. No. 1.8e-05;
RESULT 907
ID ABB90777 standard; protein; 305 AA.
DE Human Tumour Endothelial Marker polypeptide SEQ ID NO 286.
PN WO200210217-A2.
PD 07-FEB-2002.
PA (UYJO) UNIV JOHNS HOPKINS.
 Query Match   13.3%; Score 142; DB 5; Length 305;
 Best Local Similarity 25.4%; Pred. No. 1.8e-05;
RESULT 908
ID ABU54484 standard; protein; 305 AA.
DE Human normal endothelial marker NEM 23 secreted.
PN WO200283874-A2.
PD 24-OCT-2002.
PA (UYJO) UNIV JOHNS HOPKINS.
 Query Match   13.3%; Score 142; DB 6; Length 305;
 Best Local Similarity 25.4%; Pred. No. 1.8e-05;
RESULT 909
ID AAR97631 standard; protein; 307 AA.
DE Human SLAM4 T-cell co-stimulatory protein.
PN WO9617060-A1.

PD 06-JUN-1996.
PA (SCHE) SCHERING CORP.
Query Match 13.3%; Score 142; DB 2; Length 307;
Best Local Similarity 25.4%; Pred. No. 1.9e-05;
RESULT 910
ID AAG77978 standard; protein; 334 AA.
DE Human signalling lymphocytic activation molecule (SLAM)/SCZ.
PN WO200180717-A2.
PD 01-NOV-2001.
PA (RUTF) UNIV RUTGERS STATE NEW JERSEY.
Query Match 13.3%; Score 142; DB 5; Length 334;
Best Local Similarity 25.4%; Pred. No. 2.1e-05;
RESULT 911
ID AAR97628 standard; protein; 335 AA.
DE Human SLAM1 T-cell co-stimulatory protein.
PN WO9617060-A1.
PD 06-JUN-1996.
PA (SCHE) SCHERING CORP.
Query Match 13.3%; Score 142; DB 2; Length 335;
Best Local Similarity 25.4%; Pred. No. 2.1e-05;
RESULT 912
ID AAB71853 standard; protein; 335 AA.
DE Human SLAM protein.
PN WO200111046-A1.
PD 15-FEB-2001.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 13.3%; Score 142; DB 4; Length 335;
Best Local Similarity 25.4%; Pred. No. 2.1e-05;
RESULT 913
ID AAU11927 standard; protein; 335 AA.
DE Human protein sequence #1, related to isolation of genes within SLE-1B.
PN WO200188200-A2.
PD 22-NOV-2001.
PA (TEXA) UNIV TEXAS SYSTEM.
Query Match 13.3%; Score 142; DB 5; Length 335;
Best Local Similarity 25.4%; Pred. No. 2.1e-05;
RESULT 914
ID ABB90776 standard; protein; 335 AA.
DE Human Tumour Endothelial Marker polypeptide SEQ ID NO 285.
PN WO200210217-A2.
PD 07-FEB-2002.
PA (UYJO) UNIV JOHNS HOPKINS.
Query Match 13.3%; Score 142; DB 5; Length 335;
Best Local Similarity 25.4%; Pred. No. 2.1e-05;
RESULT 915
ID ABU54483 standard; protein; 335 AA.
DE Human normal endothelial marker NEM 23.
PN WO200283874-A2.
PD 24-OCT-2002.
PA (UYJO) UNIV JOHNS HOPKINS.
Query Match 13.3%; Score 142; DB 6; Length 335;
Best Local Similarity 25.4%; Pred. No. 2.1e-05;
RESULT 916
ID ADL82887 standard; protein; 335 AA.
DE Human PRO12612, SEQ ID 89.
PN WO200424097-A2.
PD 25-MAR-2004.
PA (GETH) GENENTECH INC.
Query Match 13.3%; Score 142; DB 8; Length 335;
Best Local Similarity 25.4%; Pred. No. 2.1e-05;
RESULT 917
ID ADP54607 standard; protein; 335 AA.
DE Human PRO protein sequence SEQ ID NO:583.
PN WO200439956-A2.
PD 13-MAY-2004.
PA (GETH) GENENTECH INC.
Query Match 13.3%; Score 142; DB 8; Length 335;
Best Local Similarity 25.4%; Pred. No. 2.1e-05;
RESULT 918
ID ADY19726 standard; protein; 335 AA.
DE PRO polypeptide SEQ ID NO 5532.
PN WO200516962-A2.
PD 24-FEB-2005.

PA (GETH) GENENTECH INC.
Query Match 13.3%; Score 142; DB 9; Length 335;
Best Local Similarity 25.4%; Pred. No. 2.1e-05;
RESULT 919
ID ADY15680 standard; protein; 335 AA.
DE PRO polypeptide SEQ ID NO 1486.
PN WO200516962-A2.
PD 24-FEB-2005.
PA (GETH) GENENTECH INC.
Query Match 13.3%; Score 142; DB 9; Length 335;
Best Local Similarity 25.4%; Pred. No. 2.1e-05;
RESULT 920
ID AAW67932 standard; protein; 28 AA.
DE Fragment of human secreted protein encoded by gene 5.
PN WO9842738-A1.
PD 01-OCT-1998.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 13.0%; Score 139; DB 2; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.3e-06;
RESULT 921
ID AAB26255 standard; protein; 70 AA.
DE Human CD2001 protein Ig domain.
PN EP1223218-A1.
PD 17-JUL-2002.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 12.9%; Score 138; DB 5; Length 70;
Best Local Similarity 32.9%; Pred. No. 6e-06;
RESULT 922
ID ABW01835 standard; protein; 70 AA.
DE Human CD2001 protein immunoglobulin (Ig) domain.
PN US2003180888-A1.
PD 25-SEP-2003.
PA (MILL-) MILLENNIUM PHARM INC.
Query Match 12.9%; Score 138; DB 7; Length 70;
Best Local Similarity 32.9%; Pred. No. 6e-06;
RESULT 923
ID ADR10254 standard; protein; 211 AA.
DE Human protein useful for treating neurological disease Seq 3760.
PN EP1447413-A2.
PD 18-AUG-2004.
PA (REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 12.9%; Score 138; DB 8; Length 211;
Best Local Similarity 35.5%; Pred. No. 2.8e-05;
RESULT 924
ID ABU03171 standard; protein; 220 AA.
DE Human immunoglobulin (Ig) APEX4ev1 protein.
PN WO200277173-A2.
PD 03-OCT-2002.
PA (BRIM) BRISTOL-MYERS SQUIBB CO.
Query Match 12.5%; Score 133.5; DB 6; Length 220;
Best Local Similarity 37.2%; Pred. No. 8.5e-05;
RESULT 925
ID ABG96266 standard; protein; 221 AA.
DE Human immunoglobulin (Ig) superfamily protein IGSFP-4.
PN WO200272794-A2.
PD 19-SEP-2002.
PA (INCY-) INCYTE GENOMICS INC.
Query Match 12.5%; Score 133.5; DB 5; Length 221;
Best Local Similarity 37.2%; Pred. No. 8.5e-05;
RESULT 926
ID ADE63380 standard; protein; 240 AA.
DE Rat Protein P10252, SEQ ID NO 9319.
PN WO2003016475-A2.
PD 27-FEB-2003.
PA (GEHO) GEN HOSPITAL CORP.
Query Match 12.4%; Score 132; DB 7; Length 240;
Best Local Similarity 24.1%; Pred. No. 0.00014;
RESULT 927
ID ABC12927 standard; protein; 240 AA.
DE Rat biomarker of neurotrophic agent protein SEQ ID NO 1273.
PN WO2005083125-A2.
PD 09-SEP-2005.
PA (FARB) BAYER AG.

PA   (BIOJ) BIOGEN IDEC MA INC.
     Query Match   12.1%;   Score 132;   DB 9;   Length 240;
     Best Local Similarity   24.1%;   Pred. No. 0.00014;
RESULT 928
ID   ADS11838 standard; protein; 148 AA.
DE   Human therapeutic contig protein - SEQ ID 2075.
PN   WO200408148-A2.
PD   23-SEP-2004.
PA   (NUVE-) NUVELO INC.
     Query Match   12.1%;   Score 129.5;   DB 8;   Length 148;
     Best Local Similarity   37.7%;   Pred. No. 0.00012;
RESULT 929
ID   ADA57556 standard; protein; 142 AA.
DE   Human secreted protein #504.
PN   WO200210299-A2.
PD   27-DEC-2002.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match   11.9%;   Score 127;   DB 6;   Length 142;
     Best Local Similarity   33.0%;   Pred. No. 0.00021;
RESULT 930
ID   ADA41448 standard; protein; 142 AA.
DE   Human secreted protein.
PN   WO2002102993-A2.
PD   27-DEC-2002.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match   11.9%;   Score 127;   DB 6;   Length 142;
     Best Local Similarity   33.0%;   Pred. No. 0.00021;
RESULT 931
ID   ADC74567 standard; protein; 142 AA.
DE   Human secreted protein - SEQ ID 1200.
PN   WO200303063-A2.
PD   08-MAY-2003.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match   11.9%;   Score 127;   DB 7;   Length 142;
     Best Local Similarity   33.0%;   Pred. No. 0.00021;
RESULT 932
ID   ADD38086 standard; protein; 142 AA.
DE   Human secreted protein #269.
PN   WO200290526-A2.
PD   14-NOV-2002.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match   11.9%;   Score 127;   DB 7;   Length 142;
     Best Local Similarity   33.0%;   Pred. No. 0.00021;
RESULT 933
ID   ADN41130 standard; protein; 142 AA.
DE   Novel human secreted protein seqid 252.
PN   US2004044191-A1.
PD   04-MAR-2004.
PA   (FISC/) FISCHER C L.
PA   (ROSE/) ROSEN C A.
PA   (SOPP/) SOPPET D R.
PA   (RUBE/) RUBEN S M.
PA   (KYAW/) KYAW H.
PA   (LIYY/) LI Y.
PA   (ZENG/) ZENG Z.
PA   (LAFL/) LAFLEUR D W.
PA   (MOOR/) MOORE P A.
PA   (SHIY/) SHI Y.
PA   (OLSE/) OLSEN H.
PA   (EBNE/) EBNER R.
PA   (BIRS/) BIRSE C E.
     Query Match   11.9%;   Score 127;   DB 8;   Length 142;
     Best Local Similarity   33.0%;   Pred. No. 0.00021;
RESULT 934
ID   AAY02692 standard; protein; 143 AA.
DE   Human secreted protein encoded by gene 43 clone HTADX17.
PN   WO902546-A1.
PD   21-JAN-1999.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match   11.9%;   Score 127;   DB 2;   Length 143;
     Best Local Similarity   33.0%;   Pred. No. 0.00021;
RESULT 935
ID   ADA07371 standard; protein; 143 AA.

DE   Human secreted protein from gene 43.
PN   US2003064412-A1.
PD   03-APR-2003.
PA   (FISC/) FISCHER C L.
PA   (ROSE/) ROSEN C A.
PA   (SOPP/) SOPPET D R.
PA   (RUBE/) RUBEN S M.
PA   (KYAW/) KYAW H.
PA   (LIYY/) LI Y.
PA   (ZENG/) ZENG Z.
PA   (LAFL/) LAFLEUR D W.
PA   (MOOR/) MOORE P A.
PA   (SHIY/) SHI Y.
PA   (OLSE/) OLSEN H S.
PA   (EBNE/) EBNER R.
PA   (BREW/) BREWER L A.
     Query Match   11.9%;   Score 127;   DB 7;   Length 143;
     Best Local Similarity   33.0%;   Pred. No. 0.00021;
RESULT 936
ID   AAR28356 standard; protein; 225 AA.
DE   Sheep LFA-3 protein.
PN   EP517174-A2.
PD   09-DEC-1992.
PA   (KANF) KANEGAFUCHI KAGAKU KOGYO KK.
     Query Match   11.8%;   Score 126;   DB 2;   Length 225;
     Best Local Similarity   25.5%;   Pred. No. 0.00051;
RESULT 937
ID   AAR54714 standard; protein; 526 AA.
DE   Carcinoembryonic antigen CEA-(c).
PN   US5274087-A.
PD   28-DEC-1993.
PA   (MOLE-) MOLECULAR DIAGNOSTICS INC.
     Query Match   11.8%;   Score 125.5;   DB 2;   Length 526;
     Best Local Similarity   28.8%;   Pred. No. 0.0018;
RESULT 938
ID   AAM24171 standard; protein; 159 AA.
DE   Murine EST encoded protein SEQ ID NO: 1696.
PN   WO200154477-A2.
PD   02-AUG-2001.
PA   (HYSE-) HYSEQ INC.
     Query Match   11.6%;   Score 123.5;   DB 4;   Length 159;
     Best Local Similarity   35.0%;   Pred. No. 0.00056;
RESULT 939
ID   AAR28367 standard; protein; 199 AA.
DE   LFA-3 TM region deficient protein.
PN   EP517174-A2.
PD   09-DEC-1992.
PA   (KANF) KANEGAFUCHI KAGAKU KOGYO KK.
     Query Match   11.5%;   Score 123;   DB 2;   Length 199;
     Best Local Similarity   25.4%;   Pred. No. 0.00086;
RESULT 940
ID   AAR60311 standard; protein; 199 AA.
DE   Sheep LFA-3 delta TM protein.
PN   JP06157334-A.
PD   03-JUN-1994.
PA   (KANF) KANEBUCHI KAGAKU KOGYO KK.
     Query Match   11.5%;   Score 123;   DB 2;   Length 199;
     Best Local Similarity   25.4%;   Pred. No. 0.00086;
RESULT 941
ID   AAR60314 standard; protein; 225 AA.
DE   Sheep LFA-3.
PN   JP06157334-A.
PD   03-JUN-1994.
PA   (KANF) KANEBUCHI KAGAKU KOGYO KK.
     Query Match   11.5%;   Score 123;   DB 2;   Length 225;
     Best Local Similarity   25.4%;   Pred. No. 0.001;
RESULT 942
ID   AAR06434 standard; protein; 321 AA.
DE   SP1-like protein encoded by clone hIS1.
PN   WO9007937-A.
PD   26-JUL-1990.
PA   (OKLA-) OKLAHOMA MED RES FO.
     Query Match   11.5%;   Score 123;   DB 2;   Length 321;

```
     Best Local Similarity   24.3%;  Pred. No. 0.0017;
RESULT 943
ID   ABU05236 standard; protein; 321 AA.
DE   Human expressed protein tag (EPT) #1902.
PN   WO200278524-A2.
PD   10-OCT-2002.
PA   (ZYCO-) ZYCOS INC.
     Query Match             11.5%;  Score 123;  DB 6;  Length 321;
     Best Local Similarity   24.3%;  Pred. No. 0.0017;
RESULT 944
ID   ADQ65357 standard; protein; 367 AA.
DE   Novel human protein sequence #330.
PN   EP1440981-A2.
PD   28-JUL-2004.
PA   (REAS-) RES ASSOC BIOTECHNOLOGY.
     Query Match             11.5%;  Score 123;  DB 8;  Length 367;
     Best Local Similarity   25.9%;  Pred. No. 0.002;
RESULT 945
ID   ABW01439 standard; protein; 211 AA.
DE   Human TANGO 195 form 2 protein extracellular domain.
PN   US2003113865-A1.
PD   19-JUN-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             11.5%;  Score 123;  DB 7;  Length 211;
     Best Local Similarity   29.8%;  Pred. No. 0.0012;
RESULT 946
ID   ABW01420 standard; protein; 211 AA.
DE   Human TANGO 195 form 1 protein extracellular domain.
PN   US2003113865-A1.
PD   19-JUN-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             11.4%;  Score 122;  DB 7;  Length 211;
     Best Local Similarity   29.8%;  Pred. No. 0.0012;
RESULT 947
ID   ABW01445 standard; protein; 211 AA.
DE   Human TANGO 195 protein extracellular domain.
PN   US2003113865-A1.
PD   19-JUN-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
     Query Match             11.4%;  Score 122;  DB 7;  Length 211;
     Best Local Similarity   29.8%;  Pred. No. 0.0012;
RESULT 948
ID   AAB71856 standard; protein; 223 AA.
DE   Human D-SLAM extracellular domain carrying N-terminal HIS-tag.
PN   WO200011046-A1.
PD   15-FEB-2001.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match             11.4%;  Score 122;  DB 4;  Length 223;
     Best Local Similarity   29.8%;  Pred. No. 0.0013;
RESULT 949
ID   ABG32415 standard; protein; 223 AA.
DE   D-SLAM protein with N-terminal His tag.
PN   WO200262955-A2.
PD   15-AUG-2002.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match             11.4%;  Score 122;  DB 5;  Length 223;
     Best Local Similarity   29.8%;  Pred. No. 0.0013;
RESULT 950
ID   AAY52479 standard; protein; 285 AA.
DE   Human D-SLAM.
PN   WO990184-A1.
PD   12-AUG-1999.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match             11.4%;  Score 122;  DB 3;  Length 285;
     Best Local Similarity   29.8%;  Pred. No. 0.0018;
RESULT 951
ID   AAM93287 standard; protein; 285 AA.
DE   Human polypeptide, SEQ ID NO: 2773.
PN   EP1130094-A2.
PD   05-SEP-2001.
PA   (HELI-) HELIX RES INST.
     Query Match             11.4%;  Score 122;  DB 4;  Length 285;
     Best Local Similarity   29.8%;  Pred. No. 0.0018;

RESULT 952
ID   AAB71852 standard; protein; 285 AA.
DE   Human D-SLAM protein.
PN   WO200011046-A1.
PD   15-FEB-2001.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match             11.4%;  Score 122;  DB 4;  Length 285;
     Best Local Similarity   29.8%;  Pred. No. 0.0018;
RESULT 953
ID   AAB47323 standard; protein; 285 AA.
DE   APEX-3.
PN   WO200146260-A2.
PD   28-JUN-2001.
PA   (BRIM ) BRISTOL-MYERS SQUIBB CO.
     Query Match             11.4%;  Score 122;  DB 4;  Length 285;
     Best Local Similarity   29.8%;  Pred. No. 0.0018;
RESULT 954
ID   AAE12075 standard; protein; 285 AA.
DE   Dendritic cell (DC) DCIGR protein.
PN   WO200172773-A2.
PD   04-OCT-2001.
PA   (NOVS ) NOVARTIS AG.
PA   (NOVS ) NOVARTIS-ERFINDUNGEN VERW GES MBH.
     Query Match             11.4%;  Score 122;  DB 4;  Length 285;
     Best Local Similarity   29.8%;  Pred. No. 0.0018;
RESULT 955
ID   ABG32412 standard; protein; 285 AA.
DE   Dendritic enriched secreted lymphocyte activation molecule (D-SLAM).
PN   WO200262955-A2.
PD   15-AUG-2002.
PA   (HUMA-) HUMAN GENOME SCI INC.
     Query Match             11.4%;  Score 122;  DB 5;  Length 285;
     Best Local Similarity   29.8%;  Pred. No. 0.0018;
RESULT 956
ID   ADC78929 standard; protein; 285 AA.
DE   Human PRO protein #79.
PN   WO2003034984-A2.
PD   01-MAY-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.4%;  Score 122;  DB 7;  Length 285;
     Best Local Similarity   29.8%;  Pred. No. 0.0018;
RESULT 957
ID   ADD18914 standard; protein; 285 AA.
DE   Human disease related protein SeqID403.
PN   WO2003018621-A2.
PD   06-MAR-2003.
PA   (OXFO-) OXFORD BIOMEDICA UK LTD.
     Query Match             11.4%;  Score 122;  DB 7;  Length 285;
     Best Local Similarity   29.8%;  Pred. No. 0.0018;
RESULT 958
ID   ADF15146 standard; protein; 285 AA.
DE   Human albumin fusion protein-related protein SeqID444.
PN   WO2003060071-A2.
PD   24-JUL-2003.
PA   (DELZ ) DELTA BIOTECHNOLOGY LTD.
PA   (PRIN-) PRINCIPIA PHARM CORP.
     Query Match             11.4%;  Score 122;  DB 7;  Length 285;
     Best Local Similarity   29.8%;  Pred. No. 0.0018;
RESULT 959
ID   ADL30740 standard; protein; 285 AA.
DE   Human protein encoded by a full length cDNA clone SeqID 2773.
PN   EP1396543-A2.
PD   10-MAR-2004.
PA   (REAS-) RES ASSOC BIOTECHNOLOGY.
     Query Match             11.4%;  Score 122;  DB 8;  Length 285;
     Best Local Similarity   29.8%;  Pred. No. 0.0018;
RESULT 960
ID   ADQ21161 standard; protein; 285 AA.
DE   Human soft tissue sarcoma-upregulated protein - SEQ ID 3981.
PN   WO2004048938-A2.
PD   10-JUN-2004.
PA   (PROT-) PROTEIN DESIGN LABS INC.
```

```
        Query Match           11.4%;  Score 122; DB 8;  Length 285;
        Best Local Similarity 29.8%; Pred. No. 0.0018;
RESULT 961
ID   ADR14157 standard; protein; 285 AA.
DE   Human NF-kappaB pathway-associated protein SeqID158.
PN   WO2004065577-A2.
PD   05-AUG-2004.
PA   (BRIM ) BRISTOL-MYERS SQUIBB CO.
        Query Match           11.4%;  Score 122; DB 8;  Length 285;
        Best Local Similarity 29.8%; Pred. No. 0.0018;
RESULT 962
ID   ADP25075 standard; protein; 285 AA.
DE   PRO polypeptide SEQ ID NO:2253.
PN   WO2004041170-A2.
PD   21-MAY-2004.
PA   (GETH ) GENENTECH INC.
        Query Match           11.4%;  Score 122; DB 8;  Length 285;
        Best Local Similarity 29.8%; Pred. No. 0.0018;
RESULT 963
ID   ADU06615 standard; protein; 285 AA.
DE   Novel bronchial cancer-associated human protein SeqID841.
PN   DE10316701-A1.
PD   04-NOV-2004.
PA   (HINZ/) HINZMANN B.
PA   (HERM/) HERMANN K.
PA   (CAST/) HEIDEN CASTANOS-VELEZ E.
        Query Match           11.4%;  Score 122; DB 8;  Length 285;
        Best Local Similarity 29.8%; Pred. No. 0.0018;
RESULT 964
ID   ADY17598 standard; protein; 285 AA.
DE   PRO polypeptide SEQ ID NO 3404.
PN   WO2005016962-A2.
PD   24-FEB-2005.
PA   (GETH ) GENENTECH INC.
        Query Match           11.4%;  Score 122; DB 9;  Length 285;
        Best Local Similarity 29.8%; Pred. No. 0.0018;
RESULT 965
ID   ADZ10066 standard; protein; 285 AA.
DE   Human breast cancer marker BLAME protein.
PN   EP1522594-A2.
PD   13-APR-2005.
PA   (FARB ) BAYER HEALTHCARE AG.
        Query Match           11.4%;  Score 122; DB 9;  Length 285;
        Best Local Similarity 29.8%; Pred. No. 0.0018;
RESULT 966
ID   ABW01419 standard; protein; 290 AA.
DE   Human TANGO 195 form 1 mature protein.
PN   US2003113865-A1.
PD   19-JUN-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
        Query Match           11.4%;  Score 122; DB 7;  Length 290;
        Best Local Similarity 29.8%; Pred. No. 0.0018;
RESULT 967
ID   ABW01438 standard; protein; 298 AA.
DE   Human TANGO 195 form 2 mature protein.
PN   US2003113865-A1.
PD   19-JUN-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
        Query Match           11.4%;  Score 122; DB 7;  Length 298;
        Best Local Similarity 29.8%; Pred. No. 0.0019;
RESULT 968
ID   AAY92180 standard; protein; 312 AA.
DE   Partial human TANGO 195 protein.
PN   WO200018800-A1.
PD   06-APR-2000.
PA   (MILL-) MILLENNIUM BIOTHERAPEUTICS INC.
        Query Match           11.4%;  Score 122; DB 3;  Length 312;
        Best Local Similarity 29.8%; Pred. No. 0.002;
RESULT 969
ID   ABG74265 standard; protein; 312 AA.
DE   Human transmembrane protein TANGO 195 form 1.
PN   US2002155526-A1.
PD   24-OCT-2002.

PA   (BUSF/) BUSFIELD S J.
        Query Match           11.4%;  Score 122; DB 6;  Length 312;
        Best Local Similarity 29.8%; Pred. No. 0.002;
RESULT 970
ID   ABW01412 standard; protein; 312 AA.
DE   Human TANGO 195 form 1 protein.
PN   US2003113865-A1.
PD   19-JUN-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
        Query Match           11.4%;  Score 122; DB 7;  Length 312;
        Best Local Similarity 29.8%; Pred. No. 0.002;
RESULT 971
ID   AAM24013 standard; protein; 318 AA.
DE   Human EST encoded protein SEQ ID NO: 1538.
PN   WO200154477-A2.
PD   02-AUG-2001.
PA   (HYSE-) HYSEQ INC.
        Query Match           11.4%;  Score 122; DB 4;  Length 318;
        Best Local Similarity 29.8%; Pred. No. 0.0021;
RESULT 972
ID   AAY92182 standard; protein; 320 AA.
DE   Human partial TANGO 195 from clone T195Athpb93f1.
PN   WO200018800-A1.
PD   06-APR-2000.
PA   (MILL-) MILLENNIUM BIOTHERAPEUTICS INC.
        Query Match           11.4%;  Score 122; DB 3;  Length 320;
        Best Local Similarity 29.8%; Pred. No. 0.0021;
RESULT 973
ID   ABG74267 standard; protein; 320 AA.
DE   Human transmembrane protein TANGO 195, full length.
PN   US2002155526-A1.
PD   24-OCT-2002.
PA   (BUSF/) BUSFIELD S J.
        Query Match           11.4%;  Score 122; DB 6;  Length 320;
        Best Local Similarity 29.8%; Pred. No. 0.0021;
RESULT 974
ID   ABW01436 standard; protein; 320 AA.
DE   Human TANGO 195 form 2 protein.
PN   US2003113865-A1.
PD   19-JUN-2003.
PA   (MILL-) MILLENNIUM PHARM INC.
        Query Match           11.4%;  Score 122; DB 7;  Length 320;
        Best Local Similarity 29.8%; Pred. No. 0.0021;
RESULT 975
ID   AAB71855 standard; protein; 427 AA.
DE   Human D-SLAM extracellular domain carrying C-terminal HIS tag.
PN   WO200111046-A1.
PD   15-FEB-2001.
PA   (HUMA-) HUMAN GENOME SCI INC.
        Query Match           11.4%;  Score 122; DB 7;  Length 427;
        Best Local Similarity 29.8%; Pred. No. 0.0021;
RESULT 976
ID   ABG32414 standard; protein; 427 AA.
DE   D-SLAM protein with C-terminal His tag.
PN   WO200262955-A2.
PD   15-AUG-2002.
PA   (HUMA-) HUMAN GENOME SCI INC.
        Query Match           11.4%;  Score 122; DB 4;  Length 427;
        Best Local Similarity 29.8%; Pred. No. 0.0031;
RESULT 977
ID   ADE08687 standard; protein; 697 AA.
DE   Novel protein (useful for identifying genetic disorders) #842.
PN   WO200354152-A2.
PD   03-JUL-2003.
PA   (HYSE-) HYSEQ INC.
        Query Match           11.4%;  Score 122; DB 5;  Length 697;
        Best Local Similarity 26.3%; Pred. No. 0.0062;
RESULT 978
ID   ADF14932 standard; protein; 820 AA.
DE   Human albumin therapeutic fusion protein SeqID228.
PN   WO200306071-A2.
PD   24-JUL-2003.
PA   (HUMA-) HUMAN GENOME SCI INC.
```

```
PA   (DELZ ) DELTA BIOTECHNOLOGY LTD.
PA   (PRIN-) PRINCIPIA PHARM CORP.
     Query Match             29.4%;
     Best Local Similarity   29.8%;    Score 122; DB 7;  Length 820;
RESULT 979
ID   AAU29274 standard; protein; 198 AA.
DE   Human PRO polypeptide sequence #251.
PN   WO200168848-A2.
PD   20-SEP-2001.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 4;  Length 198;
RESULT 980
ID   ABU58650 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003027272-A1.
PD   06-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 981
ID   ABU88198 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003032127-A1.
PD   13-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 982
ID   ABU84513 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003032112-A1.
PD   13-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 983
ID   ABR66387 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003027278-A1.
PD   06-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 984
ID   ABR65777 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003036159-A1.
PD   20-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 985
ID   ABU99717 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003040070-A1.
PD   27-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 986
ID   ABU82956 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003032113-A1.
PD   13-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 987
ID   ABU90077 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003036147-A1.
PD   20-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 988
ID   ABR68326 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003027264-A1.
PD   06-FEB-2003.

     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 989
ID   ABU96379 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003036144-A1.
PD   20-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 990
ID   ABU92810 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003036149-A1.
PD   20-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 991
ID   ABO08887 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003044923-A1.
PD   06-MAR-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 992
ID   ABO02939 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003040062-A1.
PD   27-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 993
ID   ABR75093 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003040056-A1.
PD   27-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 994
ID   ABR94855 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003044926-A1.
PD   06-MAR-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 995
ID   ABU85828 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003036140-A1.
PD   20-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 996
ID   ABU98988 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003013153-A1.
PD   16-JAN-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 997
ID   ABU98203 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003017544-A1.
PD   23-JAN-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
RESULT 998
ID   ABU91909 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003027277-A1.
PD   06-FEB-2003.
     Query Match             11.3%;
     Best Local Similarity   32.7%;    Score 121; DB 6;  Length 198;
```

RESULT 999
ID   ABU89602 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003036141-A1.
PD   20-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1000
ID   ABU86443 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003036146-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1001
ID   ABU67656 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003036162-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1002
ID   ABU80684 standard; protein; 198 AA.
DE   Human PRO protein #251.
PN   US2003036137-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1003
ID   ABR99602 standard; protein; 198 AA.
DE   .Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003040063-A1.
PD   27-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1004
ID   ABR98992 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003040064-A1.
PD   27-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1005
ID   ABO16515 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003022267-A1.
PD   06-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1006
ID   ABR92415 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003036160-A1.
PD   20-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1007
ID   ABO19056 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003027324-A1.
PD   06-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1008
ID   ABR78477 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003054474-A1.
PD   20-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;

     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1009
ID   ABU85213 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003032114-A1.
PD   13-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1010
ID   ABO00352 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003032101-A1.
PD   13-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1011
ID   ABO11684 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003036124-A1.
PD   20-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1012
ID   ABO02329 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003040054-A1.
PD   27-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1013
ID   ABU88903 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003036113-A1.
PD   20-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1014
ID   ABU83598 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003036134-A1.
PD   20-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1015
ID   ABO06399 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003022294-A1.
PD   30-JAN-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1016
ID   ABR59435 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003027275-A1.
PD   06-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1017
ID   ABO09497 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003027324-A1.
PD   06-FEB-2003.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1018
ID   ABO19361 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003036118-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match
     Best Local Similarity   11.3%;   Score 121;   DB 6;   Length 198;
                             32.7%;   Pred. No. 0.0014;
RESULT 1019

ID   ABO11379 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003036123-A1.
PD   20-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1020
ID   ABR66997 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003036148-A1.
PD   20-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1021
ID   ABO16210 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003040060-A1.
PD   27-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1022
ID   ABO13916 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003044916-A1.
PD   06-MAR-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1023
ID   ABU65819 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein, SEQ ID 502.
PN   US2003036156-A1.
PD   20-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1024
ID   ABO07667 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003032117-A1.
PD   13-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1025
ID   ABO03854 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003036128-A1.
PD   20-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1026
ID   ABR67302 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003027266-A1.
PD   06-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1027
ID   ABO15905 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003054483-A1.
PD   20-MAR-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1028
ID   ABU56186 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein, PRO4421.
PN   US2003022298-A1.
PD   30-JAN-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1029
ID   ABU65514 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.

PN   US2003032102-A1.
PD   13-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1030
ID   ABU95459 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003036117-A1.
PD   20-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1031
ID   ABU71362 standard; protein; 198 AA.
DE   Human PRO4421 protein.
PN   US2003036143-A1.
PD   20-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1032
ID   ABO07972 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003032130-A1.
PD   13-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1033
ID   ABR70213 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003032138-A1.
PD   13-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1034
ID   ABR69546 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003036132-A1.
PD   20-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1035
ID   ABO01687 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003008353-A1.
PD   09-JAN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1036
ID   ABU81489 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003017542-A1.
PD   23-JAN-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1037
ID   ABR60286 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003032137-A1.
PD   13-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1038
ID   ABR68021 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003027269-A1.
PD   06-FEB-2003.
     Query Match   11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1039
ID   ABR65409 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003027268-A1.

PD 06-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1040
ID ABR68631 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003027274-A1.
PD 06-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1041
ID ABR72043 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003032135-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1042
ID ABU85523 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003022295-A1.
PD 30-JAN-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1043
ID ABU89213 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003022297-A1.
PD 30-JAN-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1044
ID ABU83293 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003032123-A1.
PD 13-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1045
ID ABU95149 standard; protein; 198 AA.
DE Novel human secreted and transmembrane protein PRO4421.
PN US2003032108-A1.
PD 13-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1046
ID ABU90697 standard; protein; 198 AA.
DE Novel human secreted and transmembrane protein PRO4421.
PN US2003032108-A1.
PD 13-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1047
ID ABU84208 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003032111-A1.
PD 13-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1048
ID ABU93859 standard; protein; 198 AA.
DE Novel human secreted and transmembrane protein PRO4421.
PN US2003032119-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1049
ID ABR65104 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003027263-A1.
PD 06-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1050
ID ABR68936 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003027271-A1.
PD 06-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1051
ID ABO06752 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003036125-A1.
PD 20-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1052
ID ABR99297 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003040068-A1.
PD 27-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1053
ID ABU57181 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003027280-A1.
PD 06-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1054
ID ABU86133 standard; protein; 198 AA.
DE Novel human secreted and transmembrane protein PRO4421.
PN US2003022300-A1.
PD 30-JAN-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1055
ID ABU82420 standard; protein; 198 AA.
DE Novel human secreted and transmembrane protein PRO4421.
PN US2003036136-A1.
PD 20-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1056
ID ABU87431 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003036138-A1.
PD 20-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1057
ID ABU83903 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003032109-A1.
PD 13-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1058
ID ABO08277 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003040066-A1.
PD 27-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1059
ID ABU81988 standard; protein; 198 AA.
DE Novel human secreted and transmembrane protein PRO4421.
PN US2003032104-A1.
PD 13-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1060

us-10-063-549-46_23_223.rag.spdi

```
ID   ABU66152 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003036157-A1.
PD   20-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1061
ID   ABR59981 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003032120-A1.
PD   13-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1062
ID   ABU94169 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003036155-A1.
PD   20-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1063
ID   ABO00042 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003022296-A1.
PD   30-JAN-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity.  32.7%;  Pred. No. 0.0014;
RESULT 1064
ID   ABR66692 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003027281-A1.
PD   06-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1065
ID   ABR91110 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003040058-A1.
PD   27-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1066
ID   ABU94537 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003017540-A1.
PD   23-JAN-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1067
ID   ABU79419 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003032106-A1.
PD   13-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1068
ID   ABU86748 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003032129-A1.
PD   13-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1069
ID   ABU87053 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003032131-A1.
PD   13-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1070
ID   ABU94842 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003032103-A1.
PD   13-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1071
ID   ABO04769 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003032107-A1.
PD   13-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1072
ID   ABR70518 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003032139-A1.
PD   13-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1073
ID   ABU98683 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003022301-A1.
PD   30-JAN-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1074
ID   ABR66082 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003036165-A1.
PD   20-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1075
ID   ABR64799 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003027262-A1.
PD   06-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1076
ID   ABU79724 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003032110-A1.
PD   13-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1077
ID   ABU93115 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003036142-A1.
PD   20-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1078
ID   ABU96074 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003036145-A1.
PD   20-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1079
ID   ABU91294 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003036154-A1.
PD   20-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1080
ID   ABU90387 standard; protein; 198 AA.
DE   Novel human secreted and transmembrane protein PRO4421.
PN   US2003036153-A1.
PD   20-FEB-2003.
```

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1081
ID ABO09802 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003044931-A1.
PD 06-MAR-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1082
ID ABO11074 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003036150-A1.
PD 20-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1083
ID ABR71128 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003040069-A1.
PD 27-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1084
ID ABU87736 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003022293-A1.
PD 30-JAN-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1085
ID ABU91604 standard; protein; 198 AA.
DE Human PRO protein #251.
PN US2003033128-A1.
PD 13-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1086
ID ABU84818 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003032116-A1.
PD 13-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1087
ID ABR69908 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003032122-A1.
PD 13-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1088
ID ABU80285 standard; protein; 198 AA.
DE Human PRO protein #251.
PN US2003036139-A1.
PD 20-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1089
ID ABU93554 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003017541-A1.
PD 23-JAN-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1090
ID ABO10107 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003017543-A1.
PD 23-JAN-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1091

ID ABO09192 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003036152-A1.
PD 20-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1092
ID ABU10760 standard; protein; 198 AA.
DE Human secreted/transmembrane protein #251.
PN US2002127584-A1.
PD 12-SEP-2002.
PA (GETH) GENENTECH INC.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1093
ID ABU95769 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003032115-A1.
PD 13-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1094
ID ABU96978 standard; protein; 198 AA.
DE Novel human secreted and transmembrane protein PRO4421.
PN US2003032140-A1.
PD 13-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1095
ID ABR70823 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003040076-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1096
ID ABO05174 standard; protein; 198 AA.
DE Novel human secreted and transmembrane protein PRO4421.
PN US2003008352-A1.
PD 09-JAN-2003.
PA (GETH) GENENTECH INC.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1097
ID ABO08582 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003044922-A1.
PD 06-MAR-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1098
ID ABO05789 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003033118-A1.
PD 13-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1099
ID ABR74178 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003036135-A1.
PD 20-FEB-2003.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1100
ID ABR95770 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003054455-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity   32.7%;   Pred. No. 0.0014;

RESULT 1101
ID ABR81067 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003049741-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1102
ID ABR81372 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003049743-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1103
ID ABM01068 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003049769-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1104
ID ABR88670 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068743-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1105
ID ABM77491 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003054479-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1106
ID ABO28975 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003068685-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1107
ID ABM08137 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068752-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1108
ID ABO31720 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003068725-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1109
ID ABO40617 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003068682-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1110
ID ABO36042 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003068701-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1111
ID ABO44181 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003068755-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1112
ID ADA78254 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003073180-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1113
ID ABM24976 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003104539-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1114
ID ABO03244 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003036131-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1115
ID ABR90500 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003040075-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1116
ID ABM17414 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003054459-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1117
ID ABR95160 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003044930-A1.
PD 06-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1118
ID ABR95465 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003040071-A1.
PD 27-FEB-2003.
PA (GETH) GENENTECH INC.
Query Match 11.3%; Score 121; DB 6; Length 198;
Best Local Similarity 32.7%; Pred. No. 0.0014;

RESULT 1119
ID ABO21703 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003054471-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.

```
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1120
ID   ABR97967 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064452-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1121
ID   ABR87755 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068705-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1122
ID   ABM77796 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003054473-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1123
ID   ABM28026 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064440-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1124
ID   ABM06307 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068704-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1125
ID   ABM03813 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068722-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1126
ID   ABM35264 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003073183-A1.
PD   17-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1127
ID   ABM26501 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104549-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1128
ID   ABO48283 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049749-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;

RESULT 1129
ID   ABR93025 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064462-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1130
ID   ABO24786 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003005159-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1131
ID   ABM11797 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064447-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1132
ID   ABM02898 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003073184-A1.
PD   17-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1133
ID   ABM16194 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064463-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1134
ID   ABO27755 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003064451-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1135
ID   ABM29246 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068721-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1136
ID   ABM07222 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068699-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1137
ID   ABM21316 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068707-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
        Query Match              11.3%;    Score 121; DB 6;   Length 198;
        Best Local Similarity    32.7%;    Pred. No. 0.0014;
RESULT 1138
```

```
ID   ABM09662 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003073175-A1.
PD   17-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1139
ID   ABO41532 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068695-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1140
ID   ABO36347 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003068732-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1141
ID   ABO43876 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003082717-A1.
PD   01-MAY-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1142
ID   ABM76576 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104548-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1143
ID   ABM76272 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104548-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1144
ID   ABM25891 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104542-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1145
ID   ABM26196 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104543-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1146
ID   ABO03549 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003036127-A1.
PD   20-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1147
ID   ABO02634 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003040061-A1.
PD   27-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;


     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1148
ID   ABR90805 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003036130-A1.
PD   20-FEB-2003.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1149
ID   ABR73873 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003054468-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1150
ID   ABO17125 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003054470-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1151
ID   ABR94550 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003044917-A1.
PD   06-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1152
ID   ABR76057 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003044929-A1.
PD   06-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1153
ID   ABR71433 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003059880-A1.
PD   27-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1154
ID   ABR93330 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064465-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1155
ID   ABR93635 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003054478-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1156
ID   ABR88060 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068718-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;  Score 121;  DB 6;  Length 198;
     Best Local Similarity   32.7%;  Pred. No. 0.0014;

RESULT 1157
ID   ABO28060 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
```

PN US2003064454-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1158
ID ABO30195 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003064461-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1159
ID ABO33404 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003068724-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1160
ID ABM05092 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068727-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1161
ID ABM09052 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068772-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1162
ID ABO36652 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003068714-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1163
ID ABO35737 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003068758-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1164
ID ABO39702 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003068776-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1165
ID ABM10577 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003069407-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1166
ID ABM12102 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003104555-A1.

PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1167
ID ABO52248 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003049768-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1168
ID ABO52553 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003049771-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1169
ID ABO23871 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003032134-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1170
ID ABR97357 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003054481-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1171
ID ABR87145 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003049778-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1172
ID ABM11187 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003049782-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1173
ID ABM28331 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003054476-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1174
ID ABO32330 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003068733-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%;   Score 121; DB 6;   Length 198;
    Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1175
ID ABM15457 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068692-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.

Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1176
ID ABM06612 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068709-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1177
ID ABM04423 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068716-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1178
ID ABM22536 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068740-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1179
ID ABM07832 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068751-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1180
ID ABO40922 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003068684-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1181
ID ABM35569 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003073179-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1182
ID ABM33332 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003087374-A1.
PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1183
ID ABO52858 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003049773-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1184
ID ABO50418 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003049777-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;

RESULT 1185
ID ABU09412 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003040055-A1.
PD 27-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1186
ID ABO4464 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003036164-A1.
PD 20-FEB-2003.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1187
ID ABM18634 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003054480-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1188
ID ABR97662 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003059885-A1.
PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1189
ID ABR80762 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003049740-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1190
ID ABM01373 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003049770-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1191
ID ABR88975 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003073169-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1192
ID ABM13627 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003064457-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1193
ID ABM21011 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068711-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
Query Match   11.3%;   Score 121; DB 6; Length 198;
Best Local Similarity 32.7%;   Pred. No. 0.0014;
RESULT 1194
ID ABO42142 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003049745-A1.

PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1195
ID   ABO42752 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049751-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1196
ID   ABM10272 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003067478-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1197
ID   ABO38787 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003073185-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1198
ID   ABM33027 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003073173-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1199
ID   ABM22841 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003087373-A1.
PD   08-MAY-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1200
ID   ABM75052 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003096353-A1.
PD   22-MAY-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1201
ID   ADA80046 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003073173-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1202
ID   ABR96442 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003054458-A1.
PD   20-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1203
ID   ABM02593 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003059886-A1.
PD   27-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1204

ID   ABR86535 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003049758-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1205
ID   ABR86840 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003049772-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1206
ID   ABM16804 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064448-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1207
ID   ABM29856 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064456-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1208
ID   ABO29280 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068693-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1209
ID   ABM24061 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068735-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1210
ID   ABM23451 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068753-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1211
ID   ABM22231 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068742-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1212
ID   ABO37872 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068756-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%;   Score 121; DB 6;   Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1213
ID   ABM28636 standard; protein; 198 AA.

DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003082715-A1.
PD 01-MAY-2003.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1214
ID ABM28941 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003082716-A1.
PD 01-MAY-2003.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1215
ID ABM66585 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068737-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1216
ID ABM75967 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003104547-A1.
PD 05-JUN-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1217
ID ABM34247 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003096359-A1.
PD 22-MAY-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1218
ID ABM34552 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003100061-A1.
PD 29-MAY-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1219
ID ABO20483 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003032125-A1.
PD 13-FEB-2003.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1220
ID ABO21398 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003054454-A1.
PD 20-MAR-2003.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1221
ID ABO22313 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003054477-A1.
PD 20-MAR-2003.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1222
ID ABR96747 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003054460-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;

    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1223
ID ABR85925 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003049753-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1224
ID ABR99907 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003049763-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1225
ID ABM00458 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003073172-A1.
PD 17-APR-2003.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1226
ID ABM00763 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003073172-A1.
PD 17-APR-2003.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1227
ID ABO29890 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003068700-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1228
ID ABM23756 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068736-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1229
ID ABM29551 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068679-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1230
ID ABO38482 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003068767-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1231
ID ABO45782 standard; protein; 198 AA.
DE Human PRO polypeptide #251.
PN US2003073182-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
    Query Match   11.3%; Score 121; DB 6; Length 198;
    Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1232
ID ABM20706 standard; protein; 198 AA.

DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104557-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1233
ID   ADA81773 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003092121-A1.
PD   15-MAY-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1234
ID   ABO16820 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003027276-A1.
PD   06-FEB-2003.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1235
ID   ABO18446 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003044920-A1.
PD   06-MAR-2003.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1236
ID   ABO22873 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003027265-A1.
PD   06-FEB-2003.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1237
ID   ABO23178 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003054461-A1.
PD   20-MAR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1238
ID   ABR92720 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064446-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1239
ID   ABR81677 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003049744-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1240
ID   ABM78101 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003049783-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1241
ID   ABR89890 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003073171-A1.
PD   17-APR-2003.
      Query Match   11.3%; Score 121; DB 6; Length 198;

      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1242
ID   ABM26806 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003032121-A1.
PD   13-FEB-2003.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1243
ID   ABM13932 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064458-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1244
ID   ABO28670 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003064460-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1245
ID   ABO30500 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003064464-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1246
ID   ABM07527 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068702-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1247
ID   ABM04118 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068734-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1248
ID   ABO37262 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068719-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1249
ID   ABO41837 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068729-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1250
ID   ABO35432 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003068738-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
      Query Match   11.3%; Score 121; DB 6; Length 198;
      Best Local Similarity   32.7%; Pred. No. 0.0014;
RESULT 1251

```
ID   ABM25281 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104540-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1252
ID   ABO47673 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049742-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1253
ID   ABO47978 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049747-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1254
ID   ABO48588 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049750-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1255
ID   ABO51638 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003049766-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1256
ID   ABO51943 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003049767-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1257
ID   ABO50723 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049779-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1258
ID   ABR79847 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003040059-A1.
PD   27-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1259
ID   ABM17109 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003040078-A1.
PD   27-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1260
ID   ABO18141 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003044918-A1.
PD   06-MAR-2003.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1261
ID   ABO21093 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003032132-A1.
PD   13-FEB-2003.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1262
ID   ABR97052 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003054462-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1263
ID   ABM12407 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064445-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1264
ID   ABM16499 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064449-A1.
PD   03-APR-2003.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1265
ID   ABM24366 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064441-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1266
ID   ABM14847 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068696-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1267
ID   ABM04728 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068712-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1268
ID   ABM06917 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068730-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1269
ID   ABM09957 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003073174-A1.
PD   17-APR-2003.
     Query Match             11.3%;   Score 121; DB 6; Length 198;
     Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1270
```

```
ID   ABO39397 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068775-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1271
ID   ABM75662 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104545-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1272
ID   ABM25586 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104541-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1273
ID   ABM20096 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104554-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1274
ID   ABO47002 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003049762-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1275
ID   ABO47307 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003049765-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1276
ID   ADA83571 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049752-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1277
ID   ABR71738 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003032133-A1.
PD   13-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1278
ID   ABR72348 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003032136-A1.
PD   13-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1279
ID   ABR98687 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003036129-A1.
PD   20-FEB-2003.

     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1280
ID   ABO07057 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003040053-A1.
PD   27-FEB-2003.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1281
ID   ABR85010 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003040057-A1.
PD   27-FEB-2003.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity,  32.7%;  Pred. No. 0.0014;
RESULT 1282
ID   ABR73568 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003054467-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1283
ID   ABR76662 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003044932-A1.
PD   06-MAR-2003.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1284
ID   ABR73263 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   .US2003027270-A1.
PD   06-FEB-2003.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1285
ID   ABM18329 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003054469-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1286
ID   ABO20788 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003032126-A1.
PD   13-FEB-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1287
ID   ABO25531 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003054463-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1288
ID   ABO25836 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003054466-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
     Query Match            11.3%;  Score 121; DB 6;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1289
ID   ABR94245 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003059879-A1.
```

```
PD   27-MAR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1290
ID   ABR80152 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003049738-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1291
ID   ABM11492 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064469-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1292
ID   ABO33099 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003064453-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1293
ID   ABO30805 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003064466-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1294
ID   ABO31110 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003064468-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1295
ID   ABM27416 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068760-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1296
ID   ABM30161 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003045700-A1.
PD   06-MAR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1297
ID   ABM05697 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068769-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1298
ID   ABM15762 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068698-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.

Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1299
ID   ABM08747 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068759-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1300
ID   ABO42447 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049748-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1301
ID   ABO38177 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068765-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1302
ID   ABO46087 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003049754-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
RESULT 1303
ID   ABM66890 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068688-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1304
ID   ADB20614 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003104552-A1.
PD   01-MAY-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1305
ID   ABM19791 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104552-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1306
ID   ABO49503 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049774-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
RESULT 1307
ID   ABO49808 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049775-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
Query Match             11.3%;  Score 121; DB 6;  Length 198;
Best Local Similarity   32.7%;  Pred. No. 0.0014;
```

RESULT 1308
ID ADA78866 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003073181-A1.
PD 17-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 6; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1309
ID ABR88365 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068720-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 6; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1310
ID ABM27111 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068739-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 6; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1311
ID ABM03508 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003068763-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 6; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1312
ID ABO40007 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003068689-A1.
PD 10-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 6; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1313
ID ABO50113 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003049776-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 6; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1314
ID ABO51028 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003049780-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1315
ID ABO05484 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003036126-A1.
PD 20-FEB-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1316
ID ABR74788 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003044924-A1.
PD 06-MAR-2003.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1317
ID ABR77267 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.

PN US2003044927-A1.
PD 06-MAR-2003.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1318
ID ABM18024 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003040072-A1.
PD 27-FEB-2003.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1319
ID ABR96075 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003040073-A1.
PD 27-FEB-2003.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1320
ID ABO22008 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003054475-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1321
ID ABO20178 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003032124-A1.
PD 13-FEB-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1322
ID ABO24481 standard; protein; 198 AA.
DE Human secreted/transmembrane protein (PRO) #251.
PN US2003064467-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1323
ID ABR86230 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003049759-A1.
PD 13-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1324
ID ABM10882 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003064455-A1.
PD 03-APR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1325
ID ABM76881 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003054465-A1.
PD 20-MAR-2003.
PA (GETH) GENENTECH INC.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1326
ID ABR89585 standard; protein; 198 AA.
DE Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN US2003073170-A1.
PD 17-APR-2003.
  Query Match   11.3%; Score 121; DB 7; Length 198;
  Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1327

ID   ABM12712 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003073176-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1328
ID   ABM06002 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068717-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1329
ID   ABO35127 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003068728-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1330
ID   ABM03203 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068764-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1331
ID   ABM19181 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104550-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1332
ID   ABM19486 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104551-A1.
PD   05-JUN-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1333
ID   ABO46697 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003049761-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1334
ID   ABO49198 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049757-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1335
ID   ABR69241 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003027273-A1.
PD   06-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1336
ID   ABR89280 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.

PN   US2003036119-A1.
PD   20-FEB-2003.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1337
ID   ABR72653 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003036120-A1.
PD   20-FEB-2003.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1338
ID   ABR74483 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003036161-A1.
PD   20-FEB-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1339
ID   ABO18751 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003044921-A1.
PD   06-MAR-2003.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1340
ID   ABO80457 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003049739-A1.
PD   13-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1341
ID   ABM01678 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003059882-A1.
PD   27-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1342
ID   ABM02288 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003059884-A1.
PD   27-MAR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1343
ID   ABR87450 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068687-A1.
PD   10-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1344
ID   ABM13017 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003073186-A1.
PD   17-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;
     Best Local Similarity 32.7%; Pred. No. 0.0014;
RESULT 1345
ID   ABM30771 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064443-A1.
PD   03-APR-2003.
PA   (GETH) GENENTECH INC.
     Query Match   11.3%; Score 121; DB 7; Length 198;

```
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1346
ID   ABM24671 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064444-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1347
ID   ABO29585 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068697-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1348
ID   ABO31415 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068710-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1349
ID   ABM14542 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068686-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1350
ID   ABM09967 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003073178-A1.
PD   17-APR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1351
ID   ABO39092 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068774-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1352
ID   ABM34857 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104538-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1353
ID   ABO51333 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049781-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1354
ID   ABO04159 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003036158-A1.
PD   20-FEB-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1355
ID   ABO10629 standard; protein; 198 AA.
DE   Human PRO polypeptide #251.
PN   US2003036151-A1.
PD   20-FEB-2003.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1356
ID   ABR77872 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003040067-A1.
PD   27-FEB-2003.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1357
ID   ABR79082 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003054456-A1.
PD   20-MAR-2003.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1358
ID   ABO24176 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003054482-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1359
ID   ABR93940 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003054457-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1360
ID   ABM01983 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003059883-A1.
PD   27-MAR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1361
ID   ABM78406 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003049764-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1362
ID   ABR90195 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003073177-A1.
PD   17-APR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1363
ID   ABM27721 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064442-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
      Query Match         11.3%;  Score 121;  DB 7;  Length 198;
      Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1364
ID   ABM13322 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003064450-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
```

```
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1365
ID   ABO32025 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068731-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1366
ID   ABM14237 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068683-A1.
PD   10-APR-2003.
RESULT 1367
ID   ABM08442 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068754-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1368
ID   ABO40312 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003068681-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1369
ID   ABM74747 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003096351-A1.
PD   22-MAY-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1370
ID   ABM33942 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003096358-A1.
PD   22-MAY-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1371
ID   ABM20401 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003104556-A1.
PD   05-JUN-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1372
ID   ABO48893 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003049756-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1373
ID   ABR72958 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003036122-A1.
PD   20-FEB-2003.
RESULT 1374
ID   ABO15600 standard; protein; 198 AA.

DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003036121-A1.
PD   20-FEB-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1375
ID   ABR85315 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003040065-A1.
PD   27-FEB-2003.
RESULT 1376
ID   ABO15295 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003044919-A1.
PD   06-MAR-2003.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1377
ID   ABO17430 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003040077-A1.
PD   27-FEB-2003.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1378
ID   ABM17719 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003044928-A1.
PD   06-MAR-2003.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1379
ID   ABR85620 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003049746-A1.
PD   13-MAR-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1380
ID   ABM77186 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003054464-A1.
PD   20-MAR-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1381
ID   ABO28365 standard; protein; 198 AA.
DE   Human secreted/transmembrane protein (PRO) #251.
PN   US2003064459-A1.
PD   03-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1382
ID   ABM23146 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068757-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1383
ID   ABM30466 standard; protein; 198 AA.
DE   Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN   US2003068723-A1.
PD   10-APR-2003.
PA   (GETH ) GENENTECH INC.
Query Match          11.3%;  Score 121;  DB 7;  Length 198;
```

```
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1384
ID  ABM21926 standard; protein; 198 AA.
DE  Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN  US2003068741-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1385
ID  ABM21621 standard; protein; 198 AA.
DE  Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN  US2003068744-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1386
ID  ABM15152 standard; protein; 198 AA.
DE  Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN  US2003068766-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1387
ID  ABO41227 standard; protein; 198 AA.
DE  Human secreted/transmembrane protein (PRO) #251.
PN  US2003068694-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1388
ID  ABO36957 standard; protein; 198 AA.
DE  Human secreted/transmembrane protein (PRO) #251.
PN  US2003068715-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1389
ID  ABO37567 standard; protein; 198 AA.
DE  Human secreted/transmembrane protein (PRO) #251.
PN  US2003068726-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1390
ID  ABM75357 standard; protein; 198 AA.
DE  Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN  US2003104544-A1.
PD  05-JUN-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1391
ID  ABM33637 standard; protein; 198 AA.
DE  Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN  US2003096357-A1.
PD  22-MAY-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1392
ID  ABO46392 standard; protein; 198 AA.
DE  Human PRO polypeptide #251.
PN  US2003049750-A1.
PD  13-MAR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198
     Best Local Similarity  32.7%;  Pred. No. 0.0014;

RESULT 1393
ID  ADA82937 standard; protein; 198 AA.
DE  Human secreted/transmembrane protein (PRO) #251.
PN  US2003049755-A1.
PD  13-MAR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1394
ID  ABM31991 standard; protein; 198 AA.
DE  Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN  US2003068680-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1395
ID  ABM31381 standard; protein; 198 AA.
DE  Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN  US2003068762-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1396
ID  ADB86245 standard; protein; 198 AA.
DE  Human secreted/transmembrane protein (PRO) #251.
PN  US2003054472-A1.
PD  20-MAR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1397
ID  ABM32296 standard; protein; 198 AA.
DE  Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN  US2003068708-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1398
ID  ABM32601 standard; protein; 198 AA.
DE  Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN  US2003068713-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1399
ID  ABM31686 standard; protein; 198 AA.
DE  Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN  US2003068761-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1400
ID  ABM31076 standard; protein; 198 AA.
DE  Human secreted polypeptide PRO4421, SEQ ID NO:502.
PN  US2003068771-A1.
PD  10-APR-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1401
ID  ADD05975 standard; protein; 198 AA.
DE  Human secreted/transmembrane protein (PRO) #251.
PN  US2003087376-A1.
PD  08-MAY-2003.
PA  (GETH ) GENENTECH INC.
     Query Match          11.3%;  Score 121;  DB 7;  Length 198;
     Best Local Similarity  32.7%;  Pred. No. 0.0014;
RESULT 1402
ID  ADG02970 standard; protein; 198 AA.
```

```
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2003207397-A1.
PD    06-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 7;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1403
ID    ADG01677 standard; protein; 198 AA.
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2003207399-A1.
PD    06-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 7;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1404
ID    ADF95852 standard; protein; 198 AA.
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2003207398-A1.
PD    06-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 7;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1405
ID    ADG12667 standard; protein; 198 AA.
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2003207392-A1.
PD    06-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 7;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1406
ID    ADH09327 standard; protein; 198 AA.
DE    Human PRO polypeptide #251.
PN    US2003207395-A1.
PD    06-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 7;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1407
ID    ADL33106 standard; protein; 198 AA.
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2003207396-A1.
PD    06-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 7;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1408
ID    ADM30642 standard; protein; 198 AA.
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2003073813-A1.
PD    17-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 7;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1409
ID    ADE74639 standard; protein; 198 AA.
DE    Human secreted/transmembrane protein (PRO) #251.
PN    US2003211572-A1.
PD    13-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1410
ID    ADE75251 standard; protein; 198 AA.
DE    Human secreted/transmembrane protein (PRO) #251.
PN    US2003211574-A1.
PD    13-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1411
ID    ADF96464 standard; protein; 198 AA.
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2003215909-A1.
PD    20-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;


      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1412
ID    ADG04735 standard; protein; 198 AA.
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2003215912-A1.
PD    20-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1413
ID    ADG00895 standard; protein; 198 AA.
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2003215911-A1.
PD    20-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1414
ID    ADG83151 standard; protein; 198 AA.
DE    Human PRO polypeptide #251.
PN    US2003215910-A1.
PD    20-NOV-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1415
ID    ADH26432 standard; protein; 198 AA.
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2003068770-A1.
PD    10-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1416
ID    ADH33401 standard; protein; 198 AA.
DE    Human PRO polypeptide #251.
PN    US2003068768-A1.
PD    10-APR-2003.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1417
ID    ADJ55140 standard; protein; 198 AA.
DE    Human PRO polypeptide #251.
PN    US2004023321-A1.
PD    05-FEB-2004.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1418
ID    ADJ64911 standard; protein; 198 AA.
DE    Human PRO polypeptide #251.
PN    US2004038337-A1.
PD    26-FEB-2004.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1419
ID    ADM31807 standard; protein; 198 AA.
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2004048834-A1.
PD    11-MAR-2004.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
RESULT 1420
ID    ADM36854 standard; protein; 198 AA.
DE    Novel human secreted and transmembrane protein PRO4421.
PN    US2004053358-A1.
PD    18-MAR-2004.
PA    (GETH ) GENENTECH INC.
      Query Match           11.3%;    Score 121;  DB 8;  Length 198;
      Best Local Similarity 32.7%;    Pred. No. 0.0014;
```

RESULT 1421
ID ADM40659 standard; protein; 198 AA.
DE Novel human secreted and transmembrane protein PRO4421.
PN US200048335-A1.
PD 11-MAR-2004.
PA (GETH) GENENTECH INC.
   Query Match   11.3%;   Score 121;   DB 8;   Length 198;
   Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1422
ID ADN38267 standard; protein; 198 AA.
DE Novel human secreted and transmembrane protein PRO4421.
PN US200091959-A1.
PD 13-MAY-2004.
PA (GETH) GENENTECH INC.
   Query Match   11.3%;   Score 121;   DB 8;   Length 198;
   Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1423
ID AED50497 standard; protein; 198 AA.
DE Novel human secreted and transmembrane protein PRO4421.
PN US200163766-A1.
PD 28-JUL-2005.
PA (GETH) GENENTECH INC.
   Query Match   11.3%;   Score 121;   DB 9;   Length 198;
   Best Local Similarity   32.7%;   Pred. No. 0.0014;
RESULT 1424
ID AAR60316 standard; protein; 199 AA.
DE Sheep LFA-3 delta TM.
PN JP06157334-A.
PD 03-JUN-1994.
PA (KANF) KANEBUCHI KAGAKU KOGYO KK.
   Query Match   11.3%;   Score 121;   DB 2;   Length 199;
   Best Local Similarity   25.5%;   Pred. No. 0.0014;
RESULT 1425
ID AAR22045 standard; protein; 321 AA.
DE Carcino embryonic antigen-related antigen encoded by clone W233.
PN JP04045788-A.
PD 14-FEB-1992.
PA (SUNR) SUNTORY LTD.
   Query Match   11.3%;   Score 120.5;   DB 2;   Length 321;
   Best Local Similarity   27.3%;   Pred. No. 0.003;
RESULT 1426
ID AAR22318 standard; protein; 351 AA.
DE Carcino embryonic antigen-related antigen encoded by clone W239.
PN JP04045788-A.
PD 14-FEB-1992.
PA (SUNR) SUNTORY LTD.
   Query Match   11.3%;   Score 120.5;   DB 2;   Length 351;
   Best Local Similarity   27.3%;   Pred. No. 0.0034;
RESULT 1427
ID AAP93996 standard; protein; 368 AA.
DE Transmembrane-4 carcinoembryonic antigen amino acid sequence.
PN EP346710-A.
PD 20-DEC-1989.
PA (MOLE-) MOLECULAR DIAGNOSTICS INC.
   Query Match   11.3%;   Score 120.5;   DB 1;   Length 368;
   Best Local Similarity   27.3%;   Pred. No. 0.0036;
RESULT 1428
ID AAR22044 standard; protein; 417 AA.
DE Carcino embryonic antigen-related antigen encoded by clone W211.
PN JP04045788-A.
PD 14-FEB-1992.
PA (SUNR) SUNTORY LTD.
   Query Match   11.3%;   Score 120.5;   DB 2;   Length 417;
   Best Local Similarity   27.3%;   Pred. No. 0.0043;
RESULT 1429
ID AAP93994 standard; protein; 430 AA.
DE Sequence of transmembrane (TM)-2 carcinoembryonic antigen (CEA)-(c).
PN EP346710-A.
PD 20-DEC-1989.
PA (MOLE-) MOLECULAR DIAGNOSTICS INC.
   Query Match   11.3%;   Score 120.5;   DB 1;   Length 430;
   Best Local Similarity   27.3%;   Pred. No. 0.0045;
RESULT 1430
ID AEA23827 standard; protein; 430 AA.

DE Human PRO polypeptide SEQ ID NO 369.
PN WO200051988-A2.
PD 09-JUN-2005.
PA (GETH) GENENTECH INC.
   Query Match   11.3%;   Score 120.5;   DB 9;   Length 430;
   Best Local Similarity   27.3%;   Pred. No. 0.0045;
RESULT 1431
ID AAP93995 standard; protein; 464 AA.
DE Transmembrane-3 carcinoembryonic antigen amino acid sequence.
PN EP346710-A.
PD 20-DEC-1989.
PA (MOLE-) MOLECULAR DIAGNOSTICS INC.
   Query Match   11.3%;   Score 120.5;   DB 1;   Length 464;
   Best Local Similarity   27.3%;   Pred. No. 0.005;
RESULT 1432
ID AAR65166 standard; protein; 464 AA.
DE Biliary glycoprotein.
PN WO9506067-A1.
PD 02-MAR-1995.
PA (IMCR) IMPERIAL CANCER RES TECHNOLOGY.
   Query Match   11.3%;   Score 120.5;   DB 2;   Length 464;
   Best Local Similarity   27.3%;   Pred. No. 0.005;
RESULT 1433
ID AAR77436 standard; protein; 468 AA.
DE BGP (1-314)/CEA (490-643) chimaeric protein.
PN WO9506067-A1.
PD 02-MAR-1995.
PA (IMCR) IMPERIAL CANCER RES TECHNOLOGY.
   Query Match   11.3%;   Score 120.5;   DB 2;   Length 468;
   Best Local Similarity   27.3%;   Pred. No. 0.0051;
RESULT 1434
ID AAR77435 standard; protein; 493 AA.
DE BGP (1-314)/CEA (490-C-terminal) chimaeric protein.
PN WO9506067-A1.
PD 02-MAR-1995.
PA (IMCR) IMPERIAL CANCER RES TECHNOLOGY.
   Query Match   11.3%;   Score 120.5;   DB 2;   Length 493;
   Best Local Similarity   27.3%;   Pred. No. 0.0054;
RESULT 1435
ID AAR77437 standard; protein; 509 AA.
DE BGP (1-314)/CEA (490-644)/BGP (391-430) chimaeric protein.
PN WO9506067-A1.
PD 02-MAR-1995.
PA (IMCR) IMPERIAL CANCER RES TECHNOLOGY.
   Query Match   11.3%;   Score 120.5;   DB 2;   Length 509;
   Best Local Similarity   27.3%;   Pred. No. 0.0057;
RESULT 1436
ID AAR77438 standard; protein; 511 AA.
DE BGP (1-314)/CEA (490-642)/BGP (387-430) chimaeric protein.
PN WO9506067-A1.
PD 02-MAR-1995.
PA (IMCR) IMPERIAL CANCER RES TECHNOLOGY.
   Query Match   11.3%;   Score 120.5;   DB 2;   Length 511;
   Best Local Similarity   27.3%;   Pred. No. 0.0057;
RESULT 1437
ID AAP81223 standard; protein; 526 AA.
DE FL-CEA or carcinoembryonic antigen-C.
PN EP263933-A.
PD 20-APR-1988.
PA (MOLE-) MOLECULAR DIAGNOSTICS INC.
   Query Match   11.3%;   Score 120.5;   DB 1;   Length 526;
   Best Local Similarity   27.3%;   Pred. No. 0.0059;
RESULT 1438
ID AAW06873 standard; protein; 526 AA.
DE Carcinoembryonic antigen CEA-C.
PN US5571710-A.
PD 05-NOV-1996.
PA (FARB) BAYER CORP.
   Query Match   11.3%;   Score 120.5;   DB 2;   Length 526;
   Best Local Similarity   27.3%;   Pred. No. 0.0059;
RESULT 1439
ID AAW83138 standard; protein; 526 AA.
DE FL-CEA protein.

```
PN   US5843761-A.
PD   01-DEC-1998.
PA   (FARB ) BAYER CORP FORMERLY MOLECULAR DIAGNOSTIC.
     Query Match          11.3%;   Score 120.5; DB 2;   Length 526;
     Best Local Similarity  27.3%;   Pred. No. 0.0059;
RESULT 1440
ID   ADL15001 standard; protein; 526 AA.
DE   Human carcinoembryonic antigen BGPa protein for cancer treatment.
PN   WO2003068268-A2.
PD   21-AUG-2003.
PA   (BIOI-) BIOINVENT INT AB.
     Query Match          11.3%;   Score 120.5; DB 7;   Length 526;
     Best Local Similarity  27.3%;   Pred. No. 0.0059;
RESULT 1441
ID   ADN95238 standard; protein; 526 AA.
DE   Human BEC/LEC-related protein sequence SeqID160.
PN   WO2003080640-A1.
PD   02-OCT-2003.
PA   (LUDW-) LUDWIG INST CANCER RES.
PA   (LICN ) LICENTIA LTD.
     Query Match          11.3%;   Score 120.5; DB 7;   Length 526;
     Best Local Similarity  27.3%;   Pred. No. 0.0059;
RESULT 1442
ID   ADQ17310 standard; protein; 526 AA.
DE   Human soft tissue sarcoma-upregulated protein - SEQ ID 127.
PN   WO2004048938-A2.
PD   10-JUN-2004.
PA   (PROT-) PROTEIN DESIGN LABS INC.
     Query Match          11.3%;   Score 120.5; DB 8;   Length 526;
     Best Local Similarity  27.3%;   Pred. No. 0.0059;
RESULT 1443
ID   ADQ17232 standard; protein; 526 AA.
DE   Human soft tissue sarcoma-upregulated protein - SEQ ID 48.
PN   WO2004048938-A2.
PD   10-JUN-2004.
PA   (PROT-) PROTEIN DESIGN LABS INC.
     Query Match          11.3%;   Score 120.5; DB 8;   Length 526;
     Best Local Similarity  27.3%;   Pred. No. 0.0059;
RESULT 1444
ID   ADQ29706 standard; protein; 526 AA.
DE   Human colorectal cancer-associated protein #61.
PN   EP1439393-A2.
PD   21-JUL-2004.
PA   (FARB ) BAYER HEALTHCARE LLC.
PA   (MAYO-) MAYO FOUND MEDICAL EDUCATION & RES.
     Query Match          11.3%;   Score 120.5; DB 8;   Length 526;
     Best Local Similarity  27.3%;   Pred. No. 0.0059;
RESULT 1445
ID   ADR67261 standard; protein; 526 AA.
DE   Human bladder cancer associated amino acid sequence.
PN   WO2004076613-A2.
PD   10-SEP-2004.
PA   (FARB ) BAYER HEALTHCARE LLC.
PA   (HERR/) HERR A.
PA   (HINZ/) HINZMANN B.
PA   (DAHL/) DAHL E.
PA   (STAU/) STAUB E.
PA   (PILA/) PILARSKY C.
PA   (SPEC/) SPECHT T.
     Query Match          11.3%;   Score 120.5; DB 8;   Length 526;
     Best Local Similarity  27.3%;   Pred. No. 0.0059;
RESULT 1446
ID   AEA04517 standard; protein; 526 AA.
DE   Human protein from gene under-expressed in cancer, CEACAM1.
PN   WO2005044990-A2.
PD   19-MAY-2005.
PA   (FARB ) BAYER HEALTHCARE LLC.
PA   (MAYO-) MAYO FOUND MEDICAL EDUCATION & RES.
     Query Match          11.3%;   Score 120.5; DB 9;   Length 526;
     Best Local Similarity  27.3%;   Pred. No. 0.0059;
RESULT 1447
ID   AEB08040 standard; protein; 526 AA.
DE   Human CEACAM1 protein, SEQ ID NO: 2.
PN   WO2005058358-A2.
PD   30-JUN-2005.
PA   (UTKU/) UTKU N.
     Query Match          11.3%;   Score 120.5; DB 9;   Length 526;
     Best Local Similarity  27.3%;   Pred. No. 0.0059;
RESULT 1448
ID   AEF70018 standard; protein; 526 AA.
DE   Colorectal cancer-associated marker protein SEQ ID NO:196.
PN   WO2006015047-A2.
PD   09-FEB-2006.
PA   (FARB ) BAYER HEALTHCARE LLC.
PA   (MAYO-) MAYO FOUND MEDICAL EDUCATION & RES.
     Query Match          11.3%;   Score 120.5; DB 10;   Length 526;
     Best Local Similarity  27.3%;   Pred. No. 0.0059;
RESULT 1449
ID   ABU04836 standard; protein; 344 AA.
DE   Human expressed protein tag (EPT) #1502.
PN   WO200278524-A2.
PD   10-OCT-2002.
PA   (ZYCO-) ZYCOS INC.
     Query Match          11.1%;   Score 118.5; DB 6;   Length 344;
     Best Local Similarity  24.2%;   Pred. No. 0.0053;
RESULT 1450
ID   ABU04804 standard; protein; 344 AA.
DE   Human expressed protein tag (EPT) #1470.
PN   WO200278524-A2.
PD   10-OCT-2002.
PA   (ZYCO-) ZYCOS INC.
     Query Match          11.1%;   Score 118.5; DB 6;   Length 344;
     Best Local Similarity  24.2%;   Pred. No. 0.0053;
RESULT 1451
ID   ABU04839 standard; protein; 344 AA.
DE   Human expressed protein tag (EPT) #1505.
PN   WO200278524-A2.
PD   10-OCT-2002.
PA   (ZYCO-) ZYCOS INC.
     Query Match          11.1%;   Score 118.5; DB 6;   Length 344;
     Best Local Similarity  24.2%;   Pred. No. 0.0053;
RESULT 1452
ID   AEC04936 standard; protein; 344 AA.
DE   Human breast cancer marker protein SEQ ID NO 13 variant.
PN   WO2005072050-A2.
PD   11-AUG-2005.
PA   (COMP-) COMPUGEN USA INC.
     Query Match          11.1%;   Score 118.5; DB 9;   Length 344;
     Best Local Similarity  24.2%;   Pred. No. 0.0053;
RESULT 1453
ID   ABG75378 standard; protein; 418 AA.
DE   Murine INSP052 complete protein.
PN   WO2003093316-A2.
PD   13-NOV-2003.
PA   (ARES-) ARES TRADING SA.
     Query Match          11.1%;   Score 118; DB 7;   Length 418;
     Best Local Similarity  25.9%;   Pred. No. 0.0077;
RESULT 1454
ID   AEA27923 standard; protein; 418 AA.
DE   Cell surface recognition molecule INSP055.
PN   WO2005046714-A2.
PD   26-MAY-2005.
PA   (ARES-) ARES TRADING SA.
     Query Match          11.1%;   Score 118; DB 9;   Length 418;
     Best Local Similarity  25.9%;   Pred. No. 0.0077;
RESULT 1455
ID   ABJ37106 standard; protein; 617 AA.
DE   Concatameric immunoadhesion human protein sequence SEQ ID No 18.
PN   WO2003010202-A1.
PD   06-FEB-2003.
PA   (MEDE-) MEDEXGEN CO LTD.
     Query Match          11.1%;   Score 118; DB 6;   Length 617;
     Best Local Similarity  25.8%;   Pred. No. 0.013;
RESULT 1456
ID   ABJ37108 standard; protein; 617 AA.
DE   Concatameric immunoadhesion human protein sequence SEQ ID No 22.
PN   WO2003010202-A1.
```

```
PD   06-FEB-2003.
PA   (MEDE-) MEDEXGEN CO LTD.
     Query Match     11.1%;   Score 118;   DB 6;    Length 617;
     Best Local Similarity   25.9%;   Pred. No. 0.013;
RESULT 1457
ID   ADQ79916 standard; protein; 617 AA.
DE   Human CD2-CD2/Ig construct.
PN   KR2004009997-A.
PD   31-JAN-2004.
PA   (MEDE-) MEDEXGEN INC.
     Query Match     11.1%;   Score 118;   DB 8;    Length 617;
     Best Local Similarity   25.8%;   Pred. No. 0.013;
RESULT 1458
ID   ADQ79920 standard; protein; 617 AA.
DE   Human mgCD2-CD2/Ig construct.
PN   KR2004009997-A.
PD   31-JAN-2004.
PA   (MEDE-) MEDEXGEN INC.
     Query Match     11.1%;   Score 118;   DB 8;    Length 617;
     Best Local Similarity   25.8%;   Pred. No. 0.013;
RESULT 1459
ID   ABC05779 standard; protein; 617 AA.
DE   CD2-CD2/Fc fusion protein.
PN   WO2005077415-A1.
PD   25-AUG-2005.
PA   (COMP-) COMPUGEN USA INC.
     Query Match     11.1%;   Score 118;   DB 9;    Length 617;
     Best Local Similarity   25.8%;   Pred. No. 0.013;
RESULT 1460
ID   AEC04840 standard; protein; 234 AA.
DE   Human breast cancer marker related protein #74.
PN   WO2005072053-A2.
PD   11-AUG-2005.
PA   (COMP-) COMPUGEN USA INC.
     Query Match     11.0%;   Score 117.5;   DB 9;    Length 234;
     Best Local Similarity   23.7%;   Pred. No. 0.0039;
RESULT 1461
ID   AEC79965 standard; protein; 234 AA.
DE   Human CD66c antigen cDNA cluster T10888, protein T10888_PEA_1_P4 #1.
PN   WO2005072053-A2.
PD   11-AUG-2005.
PA   (COMP-) COMPUGEN LTD.
     Query Match     11.0%;   Score 117.5;   DB 9;    Length 234;
     Best Local Similarity   23.7%;   Pred. No. 0.0039;
RESULT 1462
ID   ADH18961 standard; protein; 256 AA.
DE   Human cell growth, differentiation and death CGDD-26 protein - SEQ ID 26.
PN   WO2003095622-A2.
PD   20-NOV-2003.
PA   (INCY-) INCYTE CORP.
     Query Match     11.0%;   Score 117.5;   DB 8;    Length 256;
     Best Local Similarity   23.7%;   Pred. No. 0.0044;
RESULT 1463
ID   AEC03858 standard; protein; 256 AA.
DE   Human breast cancer marker protein SEQ ID NO 15.
PN   WO2005072050-A2.
PD   11-AUG-2005.
PA   (COMP-) COMPUGEN USA INC.
     Query Match     11.0%;   Score 117.5;   DB 9;    Length 256;
     Best Local Similarity   23.7%;   Pred. No. 0.0044;
RESULT 1464
ID   AEC78982 standard; protein; 256 AA.
DE   Human CD66c antigen cDNA cluster T10888, protein T10888_PEA_1_P4.
PN   WO2005072053-A2.
PD   11-AUG-2005.
PA   (COMP-) COMPUGEN LTD.
     Query Match     11.0%;   Score 117.5;   DB 9;    Length 256;
     Best Local Similarity   23.7%;   Pred. No. 0.0044;
RESULT 1465
ID   AEE79724 standard; protein; 256 AA.
DE   Human ovarian cancer marker fragment SEQ ID NO 58.
PN   WO2005116850-A2.
PD   08-DEC-2005.

PA   (COMP-) COMPUGEN LTD.
     Query Match     11.0%;   Score 117.5;   DB 10;    Length 256;
     Best Local Similarity   23.7%;   Pred. No. 0.0044;
RESULT 1466
ID   AEC04838 standard; protein; 319 AA.
DE   Human breast cancer marker related protein #73.
PN   WO2005072050-A2.
PD   11-AUG-2005.
PA   (COMP-) COMPUGEN USA INC.
     Query Match     11.0%;   Score 117.5;   DB 9;    Length 319;
     Best Local Similarity   23.7%;   Pred. No. 0.006;
RESULT 1467
ID   AEC79964 standard; protein; 319 AA.
DE   Human CD66c antigen cDNA cluster T10888, protein T10888_PEA_1_P2.
PN   WO2005072053-A2.
PD   11-AUG-2005.
PA   (COMP-) COMPUGEN LTD.
     Query Match     11.0%;   Score 117.5;   DB 9;    Length 319;
     Best Local Similarity   23.7%;   Pred. No. 0.006;
RESULT 1468
ID   AEC04842 standard; protein; 320 AA.
DE   Human breast cancer marker related protein #75.
PN   WO2005072050-A2.
PD   11-AUG-2005.
PA   (COMP-) COMPUGEN USA INC.
     Query Match     11.0%;   Score 117.5;   DB 9;    Length 320;
     Best Local Similarity   23.7%;   Pred. No. 0.006;
RESULT 1469
ID   AEC79967 standard; protein; 320 AA.
DE   Human CD66c antigen cDNA cluster T10888, protein T10888_PEA_1_P5 #1.
PN   WO2005072053-A2.
PD   11-AUG-2005.
PA   (COMP-) COMPUGEN LTD.
     Query Match     11.0%;   Score 117.5;   DB 9;    Length 320;
     Best Local Similarity   23.7%;   Pred. No. 0.006;
RESULT 1470
ID   AEC03857 standard; protein; 324 AA.
DE   Human breast cancer marker protein SEQ ID NO 14.
PN   WO2005072050-A2.
PD   11-AUG-2005.
PA   (COMP-) COMPUGEN USA INC.
     Query Match     11.0%;   Score 117.5;   DB 9;    Length 324;
     Best Local Similarity   23.7%;   Pred. No. 0.0061;
RESULT 1471
ID   AEC78981 standard; protein; 324 AA.
DE   Human CD66c antigen cDNA cluster T10888, protein T10888_PEA_1_P2.
PN   WO2005072053-A2.
PD   11-AUG-2005.
PA   (COMP-) COMPUGEN LTD.
     Query Match     11.0%;   Score 117.5;   DB 9;    Length 324;
     Best Local Similarity   23.7%;   Pred. No. 0.0061;
RESULT 1472
ID   ABE79723 standard; protein; 324 AA.
DE   Human ovarian cancer marker fragment SEQ ID NO 57.
PN   WO2005116850-A2.
PD   08-DEC-2005.
PA   (COMP-) COMPUGEN LTD.
     Query Match     11.0%;   Score 117.5;   DB 9;    Length 324;
     Best Local Similarity   23.7%;   Pred. No. 0.0061;
RESULT 1473
ID   ADM72195 standard; protein; 327 AA.
DE   Human CD2 amino acid sequence.
PN   WO2004022097-A1.
PD   18-MAR-2004.
PA   (MEDI-) MEDIMMUNE INC.
     (USSH ) US NAT CANCER INST.
     Query Match     11.0%;   Score 117.5;   DB 8;    Length 327;
     Best Local Similarity   25.8%;   Pred. No. 0.0062;
RESULT 1474
ID   ADV90298 standard; protein; 327 AA.
DE   Protease-hydrolysed polypeptide #75.
PN   WO2004113522-A1.
PD   29-DEC-2004.
```

PA   (DIRE-) DIREVO BIOTECH AG.
     Query Match   11.0%;   Score 117.5; DB 9;   Length 327;
     Best Local Similarity 25.8%; Pred. No. 0.0062;
RESULT 1475
ID   AAR74221 standard; protein; 332 AA.
DE   Epitope on the primary CD2 sequence.
PN   US5411861-A.
PD   02-MAY-1995.
PA   (GEHO) GEN HOSPITAL CORP.
     Query Match   11.0%;   Score 117.5; DB 2;   Length 332;
     Best Local Similarity 25.8%; Pred. No. 0.0063;
RESULT 1476
ID   AAY30457 standard; protein; 332 AA.
DE   Predicted sequence of the mature CD2 protein.
PN   US5955264-A.
PD   21-SEP-1999.
PA   (GEHO) GEN HOSPITAL CORP.
     Query Match   11.0%;   Score 117.5; DB 2;   Length 332;
     Best Local Similarity 25.8%; Pred. No. 0.0063;
RESULT 1477
ID   ADA25185 standard; protein; 332 AA.
DE   Mature CD2 protein.
PN   US6579676-B1.
PD   17-JUN-2003.
PA   (GEHO) GEN HOSPITAL CORP.
     Query Match   11.0%;   Score 117.5; DB 6;   Length 332;
     Best Local Similarity 25.8%; Pred. No. 0.0063;
RESULT 1478
ID   AAP81225 standard; protein; 344 AA.
DE   Carcinoembryonic antigen-D.
PN   EP263933-A.
PD   20-APR-1988.
PA   (MOLE-) MOLECULAR DIAGNOSTICS INC.
     Query Match   11.0%;   Score 117.5; DB 1;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1479
ID   AAP94000 standard; protein; 344 AA.
DE   Sequence of CEA antigen pcBT20 (CEA-(d)).
PN   EP346710-A.
PD   28-DEC-1989.
PA   (MOLE-) MOLECULAR DIAGNOSTICS INC.
     Query Match   11.0%;   Score 117.5; DB 1;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1480
ID   AAR54715 standard; protein; 344 AA.
DE   Carcinoembryonic antigen CEA-(d).
PN   US5274087-A.
PD   28-DEC-1993.
PA   (MOLE-) MOLECULAR DIAGNOSTICS INC.
     Query Match   11.0%;   Score 117.5; DB 2;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1481
ID   AAW06874 standard; protein; 344 AA.
DE   Carcinoembryonic antigen CEA-d.
PN   US5571710-A.
PD   05-NOV-1996.
PA   (FARB) BAYER CORP.
     Query Match   11.0%;   Score 117.5; DB 2;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1482
ID   ABP68634 standard; protein; 344 AA.
DE   Human pancreatic cancer expressed protein SEQ ID NO 4554.
PN   WO200260117-A2.
PD   08-AUG-2002.
PA   (CORI-) CORIXA CORP.
     Query Match   11.0%;   Score 117.5; DB 5;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1483
ID   ABJ37026 standard; protein; 344 AA.
DE   Human breast cancer / ovarian cancer related protein #2.
PN   WO2003000012-A2.
PD   03-JAN-2003.
PA   (MILL-) MILLENNIUM PHARM INC.

     Query Match   11.0%;   Score 117.5; DB 6;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1484
ID   ABU56713 standard; protein; 344 AA.
DE   Lung cancer-associated polypeptide #306.
PN   WO200286443-A2.
PD   31-OCT-2002.
PA   (EOSB-) EOS BIOTECHNOLOGY INC.
     Query Match   11.0%;   Score 117.5; DB 6;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1485
ID   ABU04820 standard; protein; 344 AA.
DE   Human expressed protein tag (EPT) #1486.
PN   WO200278524-A2.
PD   10-OCT-2002.
PA   (ZYCO-) ZYCOS INC.
     Query Match   11.0%;   Score 117.5; DB 6;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1486
ID   ABU04577 standard; protein; 344 AA.
DE   Human expressed protein tag (EPT) #1243.
PN   WO200278524-A2.
PD   10-OCT-2002.
PA   (ZYCO-) ZYCOS INC.
     Query Match   11.0%;   Score 117.5; DB 6;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1487
ID   ABU04576 standard; protein; 344 AA.
DE   Human expressed protein tag (EPT) #1242.
PN   WO200278524-A2.
PD   10-OCT-2002.
PA   (ZYCO-) ZYCOS INC.
     Query Match   11.0%;   Score 117.5; DB 6;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1488
ID   ABU04826 standard; protein; 344 AA.
DE   Human expressed protein tag (EPT) #1492.
PN   WO200278524-A2.
PD   10-OCT-2002.
PA   (ZYCO-) ZYCOS INC.
     Query Match   11.0%;   Score 117.5; DB 6;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1489
ID   ABU04579 standard; protein; 344 AA.
DE   Human expressed protein tag (EPT) #1245.
PN   WO200278524-A2.
PD   10-OCT-2002.
PA   (ZYCO-) ZYCOS INC.
     Query Match   11.0%;   Score 117.5; DB 6;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1490
ID   ABU04840 standard; protein; 344 AA.
DE   Human expressed protein tag (EPT) #1506.
PN   WO200278524-A2.
PD   10-OCT-2002.
PA   (ZYCO-) ZYCOS INC.
     Query Match   11.0%;   Score 117.5; DB 6;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1491
ID   ABU04797 standard; protein; 344 AA.
DE   Human expressed protein tag (EPT) #1463.
PN   WO200278524-A2.
PD   10-OCT-2002.
PA   (ZYCO-) ZYCOS INC.
     Query Match   11.0%;   Score 117.5; DB 6;   Length 344;
     Best Local Similarity 23.7%; Pred. No. 0.0066;
RESULT 1492
ID   ADN39118 standard; protein; 344 AA.
DE   Cancer/angiogenesis/fibrosis-related polypeptide, SEQ ID NO:436.
PN   WO200304261-A2.
PD   22-MAY-2003.
PA   (EOSB-) EOS BIOTECHNOLOGY INC.
     Query Match   11.0%;   Score 117.5; DB 7;   Length 344;

```
          Best Local Similarity    23.7%;    Pred. No. 0.0066;
RESULT 1493
ID    ADK70491 standard; protein; 344 AA.
DE    Respiratory disease differentially expressed protein #57.
PN    WO200310128-A2.
PD    11-DEC-2003.
PA    (INCY-) INCYTE CORP.
      Query Match           11.0%;    Score 117.5;   DB 8;    Length 344;
          Best Local Similarity    23.7%;    Pred. No. 0.0066;
RESULT 1494
ID    AD049155 standard; peptide; 344 AA.
DE    Human nonspecific crossreacting antigen protein.
PN    WO2004031238-A2.
PD    15-APR-2004.
PA    (UYMC-) UNIV MCGILL.
      Query Match           11.0%;    Score 117.5;   DB 8;    Length 344;
          Best Local Similarity    23.7%;    Pred. No. 0.0066;
RESULT 1495
ID    AD028647 standard; protein; 344 AA.
DE    Human NCA protein SEQ ID NO:76.
PN    WO2004044178-A2.
PD    27-MAY-2004.
PA    (GETH ) GENENTECH INC.
      Query Match           11.0%;    Score 117.5;   DB 8;    Length 344;
          Best Local Similarity    23.7%;    Pred. No. 0.0066;
RESULT 1496
ID    ADQ29709 standard; protein; 344 AA.
DE    Human colorectal cancer-associated protein #64.
PN    EP1439393-A2.
PD    21-JUL-2004.
PA    (FARB ) BAYER HEALTHCARE LLC.
PA    (MAYO-) MAYO FOUND MEDICAL EDUCATION & RES.
      Query Match           11.0%;    Score 117.5;   DB 8;    Length 344;
          Best Local Similarity    23.7%;    Pred. No. 0.0066;
RESULT 1497
ID    ADQ80359 standard; protein; 344 AA.
DE    CEA-related cell adhesion molecule 6 protein.
PN    WO2004063709-A2.
PD    29-JUL-2004.
PA    (BRIM ) BRISTOL-MYERS SQUIBB CO.
      Query Match           11.0%;    Score 117.5;   DB 8;    Length 344;
          Best Local Similarity    23.7%;    Pred. No. 0.0066;
RESULT 1498
ID    ADR67262 standard; protein; 344 AA.
DE    Human bladder cancer associated amino acid sequence.
PN    WO2004076613-A2.
PD    10-SEP-2004.
PA    (HERR/) HERR A.
PA    (HINZ/) HINZMANN B.
PA    (DAHL/) DAHL E.
PA    (STAU/) STAUB E.
PA    (PILA/) PILARSKY C.
PA    (SPEC/) SPECHT T.
      Query Match           11.0%;    Score 117.5;   DB 8;    Length 344;
          Best Local Similarity    23.7%;    Pred. No. 0.0066;
RESULT 1499
ID    AD209878 standard; protein; 344 AA.
DE    Human breast cancer marker CEACAM6 protein.
PN    EP1522594-A2.
PD    13-APR-2005.
PA    (FARB ) BAYER HEALTHCARE AG.
      Query Match           11.0%;    Score 117.5;   DB 9;    Length 344;
          Best Local Similarity    23.7%;    Pred. No. 0.0066;
RESULT 1500
ID    AEA00135 standard; protein; 344 AA.
DE    Human TAT112 protein SEQ ID NO:87.
PN    US2005106644-A1.
PD    19-MAY-2005.
PA    (GETH ) GENENTECH INC.
      Query Match           11.0%;    Score 117.5;   DB 9;    Length 344;
          Best Local Similarity    23.7%;    Pred. No. 0.0066;
```

This Page Blank (uspto)

```
                    GenCore version 5.1.9

            Copyright (c) 1993 - 2006 Bioacceleration Ltd.

OM protein - protein search, using sw model

Run on:     July 10, 2006, 09:34:18 ; Search time 85 Seconds
                                   (without alignments)
                      1095.367 Million cell updates/sec

Perfect score: 1067
Sequence:    1 SGPVKELVGSVGGAVTFPLK.........NFSSPILARKLCEGAADDPD 201

Scoring table: BLOSUM62
               Gapop 10.0 , Gapext 0.5

Searched:    2097797 seqs, 46321858 residues

Total number of hits satisfying chosen parameters:    2097797

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 1500 summaries

Database :    Published Applications AA Main:*
         1: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
         2: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
         3: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US09_PUBCOMB.pep:*
         4: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*
         5: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*
         6: /EMC_Celerra_SIDS3/ptodata/2/pubpaa/US11_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
```

SUMMARIES

Result NO.	Score	% Match	Query Match Length	DB	ID	Description
1	1067	100.0	227	5	US-10-982-357-77	Sequence 77, Appl
2	1067	100.0	335	3	US-09-732-524-2	Sequence 2, Appli
9	1067	100.0	335	3	US-09-745-605-4	Sequence 4, Appl
30	1067	100.0	335	3	US-09-997-428-253	Sequence 253, App
541	1067	100.0	335	4	US-10-021-741A-2	Sequence 2, Appli
566	1067	100.0	335	4	US-10-174-587-192	Sequence 192, App
630	1067	100.0	335	4	US-10-063-742-46	Sequence 46, Appl
740	1067	100.0	335	5	US-10-262-839-110	Sequence 110, App
746	1067	100.0	335	5	US-10-842-011-2	Sequence 2, Appl
747	1067	100.0	335	5	US-10-972-317-46	Sequence 46, Appl
749	1067	100.0	335	5	US-10-950-374-253	Sequence 253, App
753	1067	100.0	335	5	US-10-982-357-2	Sequence 2, Appli
758	1067	100.0	335	6	US-10-501-841-2	Sequence 2, Appli
759	1067	100.0	335	6	US-11-102-240-46	Sequence 46, Appl
760	1067	100.0	335	6	US-11-240-769-59	Sequence 59, Appl
761	1067	100.0	335	6	US-11-103-195-46	Sequence 46, Appl
762	1064	99.7	335	4	US-10-104-943-5	Sequence 5, Appli
763	1064	99.7	335	4	US-10-436-523-60	Sequence 60, Appl
764	1064	99.7	312	3	US-10-408-765A-1405	Sequence 1405, Ap
765	1063	99.6	312	5	US-09-732-524-4	Sequence 4, Appli
766	1051	98.5	227	5	US-10-982-357-78	Sequence 78, Appl
767	1050.5	98.5	348	4	US-10-262-839-112	Sequence 112, App
768	949	88.9	227	5	US-10-982-357-75	Sequence 75, Appl
769	937	87.8	227	5	US-10-982-357-76	Sequence 76, Appl
770	935	87.6	227	5	US-10-982-357-80	Sequence 80, Appl
771	928	87.0	227	5	US-10-982-357-83	Sequence 83, Appl
772	847	79.4	227	5	US-10-982-357-81	Sequence 81, Appl
773	791.5	74.2	224	5	US-10-982-357-82	Sequence 82, Appl
774	710.5	66.6	224	5	US-10-982-357-84	Sequence 84, Appl
775	703.5	65.9	224	5	US-10-982-357-79	Sequence 79, Appl
776	505	47.3	684	5	US-10-450-763-42056	Sequence 42056, A
777	505	47.3	684	5	US-10-450-763-42528	Sequence 42528, A
778	471	44.1	91	6	US-09-864-761-41706	Sequence 41706, A
779	330	30.9	89	4	US-11-240-769-90	Sequence 90, Appl
780	291	27.3	289	4	US-10-436-523-88	Sequence 88, Appl
781	288	27.0	217	4	US-10-436-523-79	Sequence 79, Appl
782	288	27.0	236	4	US-10-436-523-82	Sequence 82, Appl
783	288	27.0	270	4	US-10-436-523-77	Sequence 77, Appl
784	288	27.0	289	4	US-10-220-946-18	Sequence 18, Appl
785	288	27.0	289	4	US-10-436-523-76	Sequence 76, Appl
786	288	27.0	289	4	US-10-436-523-89	Sequence 89, Appl
787	288	26.7	289	4	US-10-436-523-91	Sequence 91, Appl
788	288	26.6	289	4	US-10-436-523-90	Sequence 90, Appl
789	285	26.6	289	5	US-10-170-385-131	Sequence 131, App
790	283.5	26.6	610	5	US-09-860-836B-11	Sequence 11, Appl
791	283.5	26.6	615	4	US-10-659-004-48	Sequence 48, Appl
792	283.5	26.6	654	4	US-10-104-943-7	Sequence 7, Appli
793	283.5	26.6	654	4	US-10-310-612-2	Sequence 2, Appli
794	283.5	26.6	654	4	US-10-328-538-2	Sequence 2, Appli
795	282.5	26.5	629	3	US-09-860-836B-9	Sequence 9, Appli
796	280.5	26.3	301	5	US-10-311-829-11	Sequence 11, Appl
797	280.5	26.3	328	4	US-10-104-943-4	Sequence 4, Appli
798	280.5	26.3	328	4	US-10-436-523-30	Sequence 30, Appl
799	280.5	26.3	328	5	US-10-723-860-1886	Sequence 1886, Ap
800	280.5	26.3	328	5	US-10-684-206-8	Sequence 8, Appli
801	280.5	26.3	328	5	US-10-756-149-5194	Sequence 5194, Ap
802	280.5	26.3	329	3	US-09-809-391-483	Sequence 483, App
803	280.5	26.3	329	3	US-09-882-171-483	Sequence 483, App
804	280.5	26.3	329	4	US-10-164-861-483	Sequence 483, App
805	280.5	26.3	329	6	US-11-144-947-483	Sequence 483, App
806	275.5	25.8	526	6	US-10-659-004-50	Sequence 50, Appl
807	275.5	25.8	551	4	US-10-471-449-8	Sequence 8, Appli
808	271	25.4	285	4	US-10-436-523-100	Sequence 100, App
809	251	23.5	220	4	US-10-257-174-32	Sequence 32, Appl
810	251	23.5	220	6	US-11-174-150-32	Sequence 32, Appl
811	249	23.3	331	4	US-10-436-523-39	Sequence 39, Appl
812	245	23.0	195	4	US-10-436-523-15	Sequence 15, Appl
813	245	23.0	203	5	US-10-436-523-16	Sequence 16, Appl
814	245	23.0	309	4	US-10-436-523-5	Sequence 5, Appli
815	245	23.0	311	5	US-10-311-829-10	Sequence 10, Appl
816	245	23.0	331	4	US-10-104-943-2	Sequence 2, Appli
817	245	23.0	331	3	US-10-436-523-3	Sequence 3, Appli
818	245	23.0	331	4	US-10-264-237-2559	Sequence 2559, Ap
819	245	23.0	331	4	US-10-614-853-22	Sequence 22, Appl
820	245	23.0	331	5	US-10-484-139-2	Sequence 2, Appli
829	245	23.0	332	4	US-10-237-535-76	Sequence 76, Appl
838	245	23.0	332	4	US-10-239-196-76	Sequence 76, Appl
852	245	23.0	332	4	US-10-104-943-41	Sequence 41, Appl
855	245	23.0	332	4	US-10-136-574-2	Sequence 2, Appli
931	245	23.0	332	4	US-10-471-449-5	Sequence 5, Appli
932	245	23.0	346	4	US-10-311-829-4	Sequence 4, Appli
947	245	23.0	346	5	US-10-257-174-33	Sequence 33, Appl
948	245	23.0	346	6	US-11-174-150-33	Sequence 33, Appl
949	244	22.9	331	4	US-10-436-523-41	Sequence 41, Appl
950	243	22.8	331	4	US-10-436-523-40	Sequence 40, Appl
951	243	22.8	331	4	US-10-327-413-2	Sequence 2, Appli
952	241	22.6	331	4	US-10-436-523-42	Sequence 42, Appl
953	218.5	20.5	229	5	US-10-258-951-47	Sequence 47, Appl
954	218.5	20.5	229	5	US-10-990-000-47	Sequence 47, Appl
955	218.5	20.5	310	5	US-10-990-000-48	Sequence 48, Appl
956	218.5	20.5	310	4	US-10-436-523-8	Sequence 8, Appli
957	200.5	18.8	159	3	US-10-436-523-11	Sequence 11, Appl
958	195.5	18.3	331	4	US-10-436-523-11	Sequence 11, Appl
959	195.5	18.3	351	3	US-09-745-605-5	Sequence 5, Appli
960	195.5	18.3	351	4	US-10-104-943-3	Sequence 3, Appli
961	190	17.8	168	4	US-10-264-237-1621	Sequence 1621, Ap
962	188.5	17.7	275	4	US-10-087-192-1485	Sequence 1485, Ap
963	146.5	13.7	211	3	US-09-731-449-29	Sequence 29, Appl
964	146.5	13.7	211	5	US-10-254-426-29	Sequence 29, Appl
965	146.5	13.7	258	3	US-09-731-449-28	Sequence 28, Appl
966	146.5	13.7	258	4	US-10-254-426-28	Sequence 28, Appl

#					Reference	Sequence
967	146.5	13.7	278	3	US-09-731-449-25	Sequence 25, Appl
968	146.5	13.7	278	4	US-10-254-426-25	Sequence 25, Appli
969	143.5	13.4	329	3	US-09-860-836B-3	Sequence 3, Appli
970	142	13.3	298	3	US-09-918-715-287	Sequence 287, App
971	142	13.3	298	4	US-10-474-794-287	Sequence 287, App
972	142	13.3	298	5	US-09-918-715-286	Sequence 286, App
973	142	13.3	305	5	US-09-979-159-286	Sequence 286, App
974	142	13.3	305	4	US-10-474-794-286	Sequence 286, App
975	142	13.3	305	5	US-09-731-449-20	Sequence 20, App
976	142	13.3	335	3	US-09-918-715-285	Sequence 285, App
977	142	13.3	335	5	US-09-369-248-3	Sequence 3, Appli
978	142	13.3	335	3	US-09-860-836B-1	Sequence 1, Appli
979	142	13.3	335	3	US-10-062-523-3	Sequence 3, Appli
980	142	13.3	335	3	US-10-254-426-20	Sequence 20, Appli
981	142	13.3	335	4	US-10-436-523-64	Sequence 64, Appli
982	142	13.3	335	4	US-10-464-469-3	Sequence 3, Appli
983	142	13.3	335	4	US-10-445-888A-3	Sequence 3, Appli
984	142	13.3	335	4	US-10-474-794-285	Sequence 285, App
985	142	13.3	335	5	US-10-892-171-3	Sequence 3, Appli
986	142	13.3	335	5	US-10-979-159-285	Sequence 285, App
987	139	13.0	28	5	US-09-984-245-243	Sequence 243, App
988	139	13.0	28	3	US-09-966-262-243	Sequence 243, App
989	139	13.0	28	3	US-09-983-966-243	Sequence 243, App
990	139	13.0	28	4	US-10-059-395-243	Sequence 243, App
991	139	13.0	28	4	US-10-143-090-243	Sequence 243, App
992	139	13.0	28	5	US-10-960-251-243	Sequence 243, App
993	139	13.0	28	5	US-10-960-251-243	Sequence 243, App
994	138	12.9	70	4	US-10-436-523-97	Sequence 97, Appl
995	133.5	12.5	220	4	US-10-104-943-43	Sequence 43, Appl
996	133.5	12.5	221	4	US-10-471-449-4	Sequence 4, Appli
997	127	11.9	142	3	US-09-973-278-252	Sequence 252, App
998	127	11.9	143	3	US-09-983-802-192	Sequence 192, App
999	127	11.9	143	3	US-09-984-490-192	Sequence 192, App
1000	125.5	11.8	325	5	US-10-311-822-11	Sequence 11, Appl
1001	123	11.5	321	5	US-10-473-127-1902	Sequence 1902, Ap
1002	122	11.4	211	3	US-09-731-449-14	Sequence 14, Appl
1003	122	11.4	211	3	US-09-731-449-41	Sequence 41, Appl
1004	122	11.4	211	3	US-09-731-449-49	Sequence 49, Appl
1005	122	11.4	211	4	US-10-254-426-14	Sequence 14, Appl
1006	122	11.4	211	4	US-10-254-426-41	Sequence 41, Appl
1007	122	11.4	211	4	US-10-254-426-49	Sequence 49, Appl
1008	122	11.4	223	5	US-10-062-523-19	Sequence 19, Appl
1009	122	11.4	223	5	US-10-892-171-19	Sequence 19, Appl
1010	122	11.4	285	3	US-09-799-777-9	Sequence 9, Appli
1011	122	11.4	285	3	US-09-745-605-6	Sequence 6, Appli
1012	122	11.4	285	3	US-09-369-248-2	Sequence 2, Appli
1013	122	11.4	285	3	US-10-062-523-2	Sequence 2, Appli
1014	122	11.4	285	4	US-10-220-946-12	Sequence 12, Appl
1015	122	11.4	285	4	US-10-436-523-63	Sequence 63, Appl
1016	122	11.4	285	4	US-10-464-469-2	Sequence 2, Appli
1017	122	11.4	285	4	US-10-445-888A-2	Sequence 2, Appli
1018	122	11.4	285	5	US-10-755-889-158	Sequence 158, App
1019	122	11.4	285	5	US-10-723-860-3981	Sequence 3981, Ap
1020	122	11.4	285	5	US-10-892-171-2	Sequence 2, Appli
1021	122	11.4	285	5	US-10-491-997-158	Sequence 158, App
1022	122	11.4	285	5	US-10-775-204-444	Sequence 444, App
1023	122	11.4	290	3	US-09-731-449-13	Sequence 13, Appl
1024	122	11.4	290	4	US-10-254-426-13	Sequence 13, Appl
1025	122	11.4	298	3	US-09-731-449-40	Sequence 40, Appl
1026	122	11.4	298	4	US-10-254-426-40	Sequence 40, Appl
1027	122	11.4	312	3	US-09-731-449-5	Sequence 5, Appli
1028	122	11.4	312	4	US-10-254-426-5	Sequence 5, Appli
1029	122	11.4	320	3	US-09-731-449-37	Sequence 37, Appl
1030	122	11.4	320	4	US-10-254-426-37	Sequence 37, Appl
1031	122	11.4	427	4	US-10-062-523-16	Sequence 16, Appl
1032	122	11.4	427	5	US-10-892-171-16	Sequence 16, Appl
1033	122	11.4	820	5	US-10-775-204-228	Sequence 228, App
1497	121	11.3	198	4	US-10-174-587-502	Sequence 502, App

```
            GenCore version 5.1.9
     Copyright (c) 1993 - 2006 Biocceleration Ltd.

OM protein - protein search, using sw model

Run on:   July 10, 2006, 09:34:16 ; Search time 26 Seconds
                                     (without alignments)
                      207.432 Million cell updates/sec

Perfect score: 1067
Sequence:      1 SGPVKELVGSVGGAVTFPLK.........NFSSPILARKLCEGAADDPD 201

Scoring table: BLOSUM62
               Gapop 10.0 , Gapext 0.5

Searched:      112942 seqs, 26832045 residues

Total number of hits satisfying chosen parameters:      112942

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 1500 summaries

Database :  Published Applications AA New:*
        1: /EMC_Celerra_SIDS3/ptcdata/2/pubpaa/US09_NEW_PUB.pep:*
        2: /EMC_Celerra_SIDS3/ptcdata/2/pubpaa/US06_NEW_PUB.pep:**
        3: /EMC_Celerra_SIDS3/ptcdata/2/pubpaa/US07_NEW_PUB.pep:*
        4: /EMC_Celerra_SIDS3/ptcdata/2/pubpaa/US08_NEW_PUB.pep:*
        5: /EMC_Celerra_SIDS3/ptcdata/2/pubpaa/PCT_NEW_PUB.pep:*
        6: /EMC_Celerra_SIDS3/ptcdata/2/pubpaa/US10_NEW_PUB.pep:*
        7: /EMC_Celerra_SIDS3/ptcdata/2/pubpaa/US11_NEW_PUB.pep:*
        8: /EMC_Celerra_SIDS3/ptcdata/2/pubpaa/US60_NEW_PUB.pep:*
```

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
2	1067	100.0	335	7	US-11-101-316-46	Sequence 46, Appl
3	243	22.8	331	7	US-11-330-768-2	Sequence 2, Appli
5	120.5	11.3	526	6	US-10-505-928-160	Sequence 160, App
6	120.5	11.3	526	7	US-11-105-233-196	Sequence 196, App
7	117.5	11.0	344	7	US-11-105-233-199	Sequence 199, App
8	101	9.5	349	7	US-11-105-233-201	Sequence 201, App
9	98.5	9.2	733	7	US-11-191-244-70	Sequence 70, Appl
10	95	9.0	637	7	US-11-293-697-3198	Sequence 3198, Ap
11	94.5	8.9	394	6	US-10-538-066-754	Sequence 754, App
12	94.5	8.9	702	7	US-11-538-066-363	Sequence 363, App
13	94.5	8.9	702	7	US-11-105-233-136	Sequence 136, App
14	92.5	8.7	534	7	US-11-355-735-7	Sequence 7, Appli
15	92.5	8.7	698	7	US-11-355-735-9	Sequence 9, Appli
17	91.5	8.6	316	7	US-11-355-735-13	Sequence 13, Appl
18	90.5	8.5	316	7	US-11-355-735-11	Sequence 11, Appl
19	86	8.1	262	7	US-11-154-977-53	Sequence 53, Appl
20	86	8.1	409	7	US-11-191-244-21	Sequence 21, Appl
21	85.5	8.0	235	7	US-11-154-977-63	Sequence 63, Appl
22	85.5	8.0	382	7	US-11-154-977-31	Sequence 31, Appli
23	85.5	8.0	789	6	US-10-530-234-8	Sequence 8, Appli
24	84	7.9	309	7	US-11-311-754-33	Sequence 33, Appl
25	84	7.9	309	7	US-11-170-797-10	Sequence 10, Appl
26	84	7.9	323	7	US-11-170-797-3	Sequence 3, Appli
27	84	7.9	329	6	US-10-511-937-2520	Sequence 2520, Ap
28	84	7.9	329	7	US-11-326-148-4	Sequence 4, Appli
29	83.5	7.8	462	7	US-11-293-697-3457	Sequence 3457, Ap
30	83	7.8	329	7	US-11-311-754-32	Sequence 32, Appl
31	82.5	7.7	265	7	US-11-105-233-200	Sequence 200, App
32	79	7.7	5635	6	US-10-766-760-2	Sequence 2, Appli
33	78.5	7.4	231	7	US-11-154-977-127	Sequence 127, App
34	78.5	7.4	407	7	US-11-154-977-95	Sequence 95, Appl
35	78	7.3	771	7	US-11-169-140-99	Sequence 99, Appl
36	78	7.3	771	7	US-11-191-244-6	Sequence 6, Appli
37	77.5	7.3	735	7	US-10-505-928-827	Sequence 827, Appl
38	77	7.2	4834	6	US-10-505-928-75	Sequence 75, Appl
39	75.5	7.1	1215	6	US-10-505-928-449	Sequence 449, Appl
40	75	7.0	3396	7	US-11-170-797-14	Sequence 14, Appl
41	74.5	7.0	330	7	US-11-293-697-4489	Sequence 489, Ap
42	74.5	7.0	807	7	US-11-154-977-145	Sequence 145, APP
43	73.5	6.9	462	6	US-10-449-902-54527	Sequence 54527, A
44	73.5	6.9	494	6	US-10-449-902-52574	Sequence 52574, A
45	73.5	6.9	628	6	US-11-154-977-133	Sequence 133, App
46	73	6.8	235	7	US-11-154-977-121	Sequence 121, App
47	73	6.8	262	7	US-11-191-457-6	Sequence 6, Appli
48	73	6.8	289	7	US-11-154-977-119	Sequence 119, App
49	73	6.8	326	7	US-11-154-977-113	Sequence 113, App
50	73	6.8	353	7	US-11-154-977-13	Sequence 13, Appl
51	73	6.8	373	7	US-11-154-977-101	Sequence 101, App
52	73	6.8	411	7	US-11-154-977-89	Sequence 89, Appl
53	73	6.8	438	7	US-11-154-977-7	Sequence 7, Appli
54	73	6.8	439	7	US-11-154-977-87	Sequence 87, Appl
55	73	6.8	502	7	US-11-154-977-6	Sequence 6, Appli
56	73	6.8	529	7	US-11-154-977-81	Sequence 81, Appl
57	73	6.8	529	7	US-11-191-244-71	Sequence 71, Appl
58	73	6.8	772	7	US-11-293-697-3322	Sequence 3322, App
59	72.5	6.8	699	7	US-11-293-697-3322	Sequence 3322, App
60	71.5	6.7	342	6	US-10-449-902-47080	Sequence 47080, A
61	71.5	6.7	392	6	US-10-449-902-39938	Sequence 39938, A
62	71.5	6.7	433	7	US-11-293-697-3439	Sequence 3439, Ap
63	71.5	6.7	501	6	US-10-471-571A-3810	Sequence 3810, Ap
64	71.5	6.7	764	6	US-11-191-244-65	Sequence 65, Appl
65	71	6.7	283	7	US-11-293-697-4639	Sequence 4639, Ap
66	71	6.7	364	6	US-10-511-937-2927	Sequence 2927, Ap
67	71	6.7	364	7	US-11-246-999-92	Sequence 92, Appl
68	71	6.6	524	6	US-10-953-349-32756	Sequence 32756, A
69	71	6.6	541	6	US-10-953-349-32755	Sequence 32755, A
70	71	6.7	551	7	US-11-233-089-44	Sequence 44, Appl
71	71	6.7	769	6	US-11-191-244-69	Sequence 69, Appl
72	71	6.7	779	6	US-10-953-349-40228	Sequence 40228, A
73	71	6.7	784	7	US-10-953-349-40227	Sequence 40227, A
74	71	6.7	831	6	US-10-953-349-40226	Sequence 40226, A
75	70	6.6	320	6	US-10-471-571A-4884	Sequence 4884, Ap
76	70	6.6	490	6	US-11-311-754-28	Sequence 28, Appl
77	70	6.6	1180	6	US-10-505-928-459	Sequence 459, App
78	69.5	6.5	239	7	US-11-154-977-69	Sequence 69, Appl
79	69.5	6.5	266	7	US-11-154-977-57	Sequence 57, Appl
80	69.5	6.5	330	7	US-11-154-977-55	Sequence 55, Appl
81	69.5	6.5	357	7	US-11-154-977-49	Sequence 49, Appl
82	69.5	6.5	386	7	US-11-154-977-37	Sequence 37, Appl
83	69	6.5	413	7	US-11-154-977-25	Sequence 25, Appl
84	69	6.5	477	7	US-11-154-977-23	Sequence 23, Appl
85	69.5	6.5	504	7	US-11-154-977-17	Sequence 17, Appl
86	69.5	6.5	504	7	US-11-154-977-153	Sequence 153, App
87	69.5	6.5	525	7	US-10-953-349-7773	Sequence 7773, Ap
88	69.5	6.5	632	6	US-10-953-349-7772	Sequence 7772, Ap
89	69.5	6.5	708	6	US-10-953-349-7771	Sequence 7771, Ap
90	69	6.5	258	7	US-11-154-977-117	Sequence 117, App
91	69	6.5	406	7	US-10-449-902-35524	Sequence 35524, A
92	69	6.5	434	7	US-11-154-977-85	Sequence 85, Appl
93	69	6.4	771	7	US-11-191-244-68	Sequence 68, Appl
94	68.5	6.4	354	7	US-11-264-167-5	Sequence 5, Appli
95	68	6.4	262	7	US-11-293-697-3082	Sequence 31, Appl
96	68	6.4	865	6	US-10-449-902-54509	Sequence 3082, Ap
97	68	6.4	1326	6	US-10-449-902-43695	Sequence 54509, A
98	67.5	6.3	497	6	US-10-449-902-45534	Sequence 43695, A
99	67.5	6.3	497	6	US-10-449-902-50073	Sequence 45534, A
101	67.5	6.3	1259	6	US-10-561-015-5	Sequence 50073, A
102	67	6.3	187	6	US-10-953-349-3723	Sequence 5, Appli
103	67	6.3	291	7	US-11-154-977-27	Sequence 3723, Ap

Left column

#				Accession		Sequence
104	67	6.3	430	US-10-449-902-32838	6	Sequence 32838, A
105	67	6.3	430	US-10-449-902-42983	6	Sequence 42983, A
106	67	6.2	520	US-10-449-902-52607	6	Sequence 52607, A
107	66.5	6.2	131	US-11-197-712-341	7	Sequence 341, App
108	66.5	6.2	220	US-10-449-902-39466	6	Sequence 39466, A
109	66.5	6.2	239	US-11-211-917-8	7	Sequence 8, Appli
110	66.5	6.2	331	US-10-449-902-37153	6	Sequence 37153, A
111	66.5	6.2	417	US-10-505-928-664	6	Sequence 664, App
112	66.5	6.2	487	US-10-449-902-48047	6	Sequence 48047, A
113	66.5	6.2	680	US-10-449-902-45431	6	Sequence 45431, A
114	66	6.2	166	US-10-449-902-47230	6	Sequence 47230, A
115	66	6.2	172	US-10-953-349-15652	6	Sequence 15652, A
116	66	6.1	183	US-11-293-697-3054	7	Sequence 3054, Ap
117	66	6.1	340	US-10-953-349-5153	6	Sequence 5153, Ap
118	66	6.1	346	US-10-953-349-5152	6	Sequence 5152, Ap
119	66	6.1	358	US-10-953-349-5151	6	Sequence 5151, Ap
120	66	6.1	440	US-11-296-092-61	7	Sequence 61, Appl
121	66	6.1	440	US-11-296-155-61	7	Sequence 136, Appl
122	66	6.1	442	US-11-246-999-136	7	Sequence 16, Appl
123	66	6.1	454	US-10-981-300-16	6	Sequence 15, Appl
124	66	6.1	960	US-11-256-173-15	7	Sequence 55881, A
125	66	6.1	977	US-10-449-902-55881	6	Sequence 5118, Ap
126	65.5	6.1	1263	US-10-471-571A-5118	6	Sequence 5, Appli
127	65.5	6.1	585	US-10-643-589-5	7	Sequence 56771, A
128	65.5	6.1	770	US-10-449-902-56771	6	Sequence 56, Appl
129	65.5	6.1	4391	US-11-183-325-56	7	Sequence 5941, Ap
130	65	6.1	411	US-10-953-349-5941	6	Sequence 5940, Ap
131	65	6.1	452	US-10-953-349-5940	6	Sequence 5939, Ap
132	65	6.0	463	US-10-953-349-5939	6	Sequence 26, Appl
133	65	6.0	536	US-11-248-956-26	7	Sequence 53636, A
134	65	6.0	596	US-10-449-902-53636	6	Sequence 3922, Ap
135	65	6.0	611	US-10-953-349-3922	6	Sequence 3921, Ap
136	65	6.0	624	US-10-953-349-3921	6	Sequence 3346, Ap
137	65	6.0	625	US-11-293-697-3346	7	Sequence 263, App
138	65	6.0	646	US-11-289-102-263	7	Sequence 21389, A
139	65	6.0	239	US-11-211-917-102	7	Sequence 4766, Ap
140	64.5	6.0	455	US-10-953-349-21389	6	Sequence 34, Appl
141	64.5	6.0	476	US-11-174-307B-4766	7	Sequence 260, App
142	64.5	6.0	630	US-11-313-450-34	7	Sequence 52930, A
143	64.5	6.0	682	US-11-251-208-260	7	Sequence 46, Appl
144	64.5	6.0	1507	US-10-449-902-52930	6	Sequence 5026, Ap
145	64	6.0	229	US-11-246-999-149	7	Sequence 39, Appl
146	64	6.0	325	US-10-471-571A-5026	6	Sequence 144, Appl
147	64	6.0	364	US-11-246-999-39	7	Sequence 145, App
148	64	6.0	393	US-11-246-999-144	7	Sequence 50899, A
149	64	6.0	439	US-11-246-999-145	7	Sequence 33, Appl
150	64	6.0	553	US-10-449-902-50899	6	Sequence 504, App
151	64	6.0	639	US-11-246-999-33	7	Sequence 149, Appl
152	64	6.0	691	US-10-471-571A-504	7	Sequence 3638, A
153	64	6.0	697	US-11-246-999-149	7	Sequence 16, Appl
154	64	6.0	189	US-10-953-349-3638	6	Sequence 56, Appl
155	63.5	6.0	239	US-11-211-917-56	7	Sequence 50513, A
156	63.5	6.0	239	US-11-211-917-56	7	Sequence 13, Appl
157	63.5	6.0	241	US-10-449-902-50513	6	Sequence 33637, A
158	63.5	6.0	267	US-11-359-254-13	7	Sequence 12, Appl
159	63.5	6.0	274	US-10-953-349-33637	6	Sequence 17, Appl
160	63.5	6.0	288	US-11-359-254-12	7	Sequence 6, Appli
161	63.5	6.0	302	US-11-359-254-17	7	Sequence 33636, A
162	63.5	6.0	302	US-11-311-754-6	7	Sequence 470, App
163	63.5	6.0	309	US-10-953-349-33636	6	Sequence 55622, A
164	63.5	6.0	374	US-10-953-349-17209	6	Sequence 50931, A
165	63.5	6.0	385	US-10-471-571A-470	7	Sequence 40861, A
166	63.5	6.0	417	US-10-449-902-55622	6	Sequence 31, Appl
167	63.5	6.0	430	US-10-449-902-50931	6	Sequence 36554, A
168	63.5	6.0	514	US-10-449-902-40861	6	Sequence 10933, A
169	63.5	6.0	546	US-11-311-754-31	7	Sequence 42282, A
170	63.5	6.0	558	US-10-449-902-36554	6	Sequence 10932, A
171	63.5	6.0	617	US-10-953-349-10933	6	Sequence 10931, A
172	63.5	6.0	756	US-10-449-902-42282	6	Sequence 2650, Ap
173	63.5	6.0	798	US-10-953-349-10932	6	
174	63.5	6.0	970	US-10-449-902-42282	6	
175	63.5	6.0	974	US-10-953-349-10931	6	
176	63.5	6.0	1055	US-10-471-571A-2650	6	

Right column

#					Accession	Sequence
178	63.5	6.0	1346	6	US-10-449-902-55021	Sequence 55021, A
179	63	5.9	103	7	US-11-150-871A-215	Sequence 215, App
180	63	5.9	118	7	US-11-293-697-4517	Sequence 4517, Ap
181	63	5.9	144	7	US-11-154-977-59	Sequence 59, Appl
182	63	5.9	176	6	US-10-953-349-12131	Sequence 12131, A
183	63	5.9	239	7	US-11-154-977-51	Sequence 51, Appl
184	63	5.9	273	6	US-10-471-571A-2862	Sequence 2862, Ap
185	63	5.9	324	7	US-11-154-977-8	Sequence 8, Appli
186	63	5.9	340	6	US-10-953-613C-1012	Sequence 1012, Ap
187	63	5.9	340	7	US-11-091-234A-32	Sequence 32, Appl
188	63	5.9	366	6	US-10-953-349-27716	Sequence 27716, A
189	63	5.9	366	7	US-11-174-307B-5122	Sequence 5122, Ap
190	63	5.9	372	6	US-10-953-349-24178	Sequence 24178, A
191	63	5.9	386	7	US-11-154-977-19	Sequence 19, Appl
192	63	5.9	397	6	US-10-953-349-24177	Sequence 24177, A
193	63	5.9	406	6	US-10-953-349-24176	Sequence 24176, A
194	63	5.9	434	6	US-10-953-349-27715	Sequence 27715, A
195	63	5.9	577	6	US-10-953-349-35303	Sequence 35303, A
196	63	5.9	577	6	US-10-449-902-55966	Sequence 55966, A
197	63	5.9	595	7	US-11-293-697-4112	Sequence 4112, Ap
198	63	5.9	803	6	US-10-953-349-5563	Sequence 5563, Ap
199	63	5.9	805	6	US-10-953-349-5562	Sequence 5562, Ap
200	63	5.9	903	7	US-11-299-697-2977	Sequence 2977, Ap
201	63	5.9	920	7	US-10-471-571A-1018	Sequence 1018, Ap
202	63	5.9	2186	7	US-10-471-571A-860	Sequence 860, App
203	63	5.9	22152	7	US-10-544-944-1	Sequence 1, Appli
204	62.5	5.9	296	6	US-11-311-754-36	Sequence 36, Appl
205	62.5	5.9	298	6	US-10-953-349-10758	Sequence 10758, A
206	62.5	5.9	375	7	US-11-297-134-54	Sequence 54, Appl
207	62.5	5.9	403	7	US-10-449-902-46257	Sequence 46257, A
208	62.5	5.9	475	7	US-10-449-902-42247	Sequence 42247, A
209	62.5	5.9	497	7	US-11-299-697-4244	Sequence 4244, Ap
210	62.5	5.9	514	7	US-10-449-902-53528	Sequence 53528, A
211	62.5	5.9	537	7	US-11-248-956-13	Sequence 13, Appl
212	62.5	5.9	708	7	US-10-449-902-51793	Sequence 51793, A
213	62.5	5.9	720	6	US-10-526-062-4	Sequence 4, Appli
214	62.5	5.9	815	7	US-11-293-697-3374	Sequence 3374, Ap
215	62.5	5.9	1406	7	US-11-263-326-171	Sequence 171, Appl
216	62.5	5.9	1795	7	US-11-263-326-124	Sequence 124, App
217	62.5	5.9	1855	7	US-11-263-326-125	Sequence 125, App
218	62.5	5.9	1891	7	US-11-263-326-173	Sequence 173, App
219	62.5	5.9	1998	7	US-11-313-450-2	Sequence 2, Appli
220	62.5	5.9	2009	7	US-11-263-326-2	Sequence 2, Appli
221	62.5	5.9	2009	7	US-11-263-326-4	Sequence 4, Appli
222	62.5	5.9	2009	7	US-11-263-326-6	Sequence 6, Appli
223	62.5	5.9	2009	7	US-11-263-326-10	Sequence 10, Appl
224	62.5	5.9	2009	7	US-11-263-326-12	Sequence 12, Appl
225	62.5	5.9	2009	7	US-11-263-326-121	Sequence 121, App
226	62.5	5.9	2009	7	US-11-263-326-122	Sequence 122, App
227	62.5	5.9	2009	7	US-11-263-326-123	Sequence 123, App
228	62.5	5.9	2009	7	US-11-263-326-126	Sequence 126, App
229	62.5	5.9	2009	7	US-11-263-326-127	Sequence 127, App
230	62.5	5.9	2009	7	US-11-263-326-167	Sequence 167, App
231	62.5	5.9	2009	7	US-11-263-326-168	Sequence 168, App
232	62.5	5.9	2009	7	US-11-263-326-169	Sequence 169, App
233	62.5	5.9	2009	7	US-11-263-326-170	Sequence 170, App
234	62.5	5.9	2009	7	US-11-263-326-172	Sequence 172, App
235	62	5.8	137	6	US-10-953-349-15653	Sequence 15653, A
236	62	5.8	239	7	US-11-211-917-80	Sequence 80, Appl
237	62	5.8	318	6	US-10-953-349-14515	Sequence 14515, A
238	62	5.8	395	6	US-10-449-902-41663	Sequence 41663, A
239	62	5.8	404	6	US-10-643-589-7	Sequence 7, Appli
240	62	5.8	407	6	US-10-449-902-35993	Sequence 35993, A
241	62	5.8	469	7	US-10-295-006-15	Sequence 15, Appl
242	62	5.8	529	7	US-11-248-956-10	Sequence 10, Appl
243	62	5.8	709	7	US-10-449-902-52735	Sequence 52735, A
244	62	5.8	757	7	US-11-191-244-67	Sequence 67, Appl
245	62	5.8	945	7	US-11-293-697-2739	Sequence 2739, Ap
246	62	5.8	1237	7	US-11-293-764-32	Sequence 32, Appl
247	62	5.8	1730	7	US-11-270-040-6	Sequence 6, Appli
248	61.5	5.8	167	6	US-10-953-349-3433	Sequence 3433, A
249	61.5	5.8	184	6	US-10-953-349-20231	Sequence 20231, A
250	61.5	5.8	198	6	US-10-953-349-3432	Sequence 3432, Ap

us-10-063-549-46_23_223.rapbn.spdi

Mon Jul 10 14:21:49 2006

No.			Len	Accession	n	Sequence
251	61.5	5.8	218	US-11-254-182-38	7	Sequence 38, Appl
252	61.5	5.8	223	US-10-764-316-10	6	Sequence 10, Appl
253	61.5	5.8	239	US-11-211-917-32	7	Sequence 32, Appl
254	61.5	5.8	239	US-11-211-917-64	7	Sequence 64, Appl
255	61.5	5.8	245	US-10-449-902-31862	6	Sequence 31862, A
256	61.5	5.8	278	US-10-953-349-27783	6	Sequence 27783, A
257	61.5	5.8	334	US-10-953-349-27782	6	Sequence 27782, A
258	61.5	5.8	361	US-10-293-697-3078	7	Sequence 3078, Ap
259	61.5	5.8	367	US-10-953-349-27781	6	Sequence 27781, A
260	61.5	5.8	400	US-11-266-446-50	7	Sequence 50, Appl
261	61.5	5.8	414	US-10-293-697-4859	7	Sequence 4859, Ap
262	61.5	5.8	508	US-11-293-697-3028	7	Sequence 3028, Ap
263	61.5	5.8	512	US-10-953-349-17794	6	Sequence 17794, A
264	61.5	5.8	514	US-10-471-571A-2716	6	Sequence 2716, Ap
265	61.5	5.8	577	US-10-953-349-17793	6	Sequence 17793, A
266	61.5	5.8	582	US-11-301-554-334	6	Sequence 334, App
267	61.5	5.8	592	US-10-953-349-17792	6	Sequence 17792, A
268	61.5	5.8	631	US-10-449-902-46154	6	Sequence 46154, A
269	61.5	5.8	667	US-10-449-902-41401	6	Sequence 41401, A
270	61.5	5.8	685	US-11-175-714-34	7	Sequence 34, Appl
272	61.5	5.8	839	US-10-449-902-53047	6	Sequence 53047, A
273	61	5.7	121	US-10-994-679-60	6	Sequence 60, Appl
274	61	5.7	411	US-10-449-902-48078	6	Sequence 48078, A
275	61	5.7	413	US-10-953-349-8533	6	Sequence 8533, Ap
276	61	5.7	428	US-11-174-107B-5174	7	Sequence 5174, Ap
277	61	5.7	461	US-10-449-902-45499	6	Sequence 45499, A
278	61	5.7	464	US-10-953-349-35544	6	Sequence 35544, A
279	61	5.7	472	US-10-449-902-42911	6	Sequence 42911, A
280	61	5.7	501	US-10-449-902-55183	6	Sequence 55183, A
281	61	5.7	509	US-10-471-571A-3898	6	Sequence 3898, Ap
282	61	5.7	513	US-10-953-349-35543	6	Sequence 35543, A
283	61	5.7	562	US-10-449-902-26387	6	Sequence 26387, A
284	61	5.7	948	US-10-471-571A-3552	6	Sequence 3552, Ap
285	61	5.7	1068	US-10-449-902-53471	6	Sequence 53471, A
286	60.5	5.7	1176	US-11-105-233-63	7	Sequence 63, Appl
287	60.5	5.7	138	US-10-953-349-16778	6	Sequence 16778, A
288	60.5	5.7	175	US-10-953-349-16777	6	Sequence 16777, A
289	60.5	5.7	211	US-10-953-349-12129	6	Sequence 12129, A
290	60.5	5.7	211	US-10-953-349-16776	6	Sequence 16776, A
291	60.5	5.7	231	US-10-953-349-5839	6	Sequence 5839, Ap
292	60.5	5.7	261	US-10-953-349-3892	6	Sequence 3892, Ap
293	60.5	5.7	265	US-10-953-349-11490	6	Sequence 11490, A
294	60.5	5.7	296	US-10-953-349-5838	6	Sequence 5838, Ap
295	60.5	5.7	307	US-10-953-349-5837	6	Sequence 5837, Ap
296	60.5	5.7	309	US-10-953-349-11489	6	Sequence 11489, A
297	60.5	5.7	311	US-10-449-902-32367	6	Sequence 32367, A
298	60.5	5.7	314	US-10-953-349-11488	6	Sequence 11488, A
299	60.5	5.7	321	US-10-953-349-12128	6	Sequence 12128, A
300	60.5	5.7	326	US-10-953-349-12127	6	Sequence 12127, A
301	60.5	5.7	326	US-10-449-902-33835	6	Sequence 33835, A
302	60.5	5.7	379	US-10-953-349-3891	6	Sequence 3891, Ap
303	60.5	5.7	391	US-10-953-349-38905	6	Sequence 38905, A
304	60.5	5.7	399	US-10-953-349-38904	6	Sequence 38904, A
305	60.5	5.7	400	US-10-449-902-41641	6	Sequence 41641, A
306	60.5	5.7	401	US-10-449-902-35459	6	Sequence 35459, A
307	60.5	5.7	402	US-10-953-349-3890	6	Sequence 3890, Ap
308	60.5	5.7	407	US-10-953-349-38903	6	Sequence 38903, A
309	60.5	5.7	419	US-10-449-902-22618	6	Sequence 22618, A
310	60.5	5.7	444	US-10-471-571A-2396	6	Sequence 2396, Ap
311	60.5	5.7	453	US-10-471-571A-1430	6	Sequence 1430, Ap
312	60.5	5.7	464	US-11-219-563-132	7	Sequence 132, Appl
313	60.5	5.7	466	US-11-211-917-30	7	Sequence 30, Appl
314	60.5	5.7	480	US-10-953-349-22617	6	Sequence 22617, A
315	60.5	5.7	483	US-10-449-902-53923	6	Sequence 53923, A
316	60.5	5.7	484	US-10-953-349-22616	6	Sequence 22616, A
317	60.5	5.7	495	US-11-293-697-4085	7	Sequence 4085, Ap
318	60.5	5.7	495	US-11-293-697-4277	7	Sequence 4277, Ap
320	60.5	5.7	560	US-10-953-349-3923	6	Sequence 3923, Ap
321	60.5	5.7	600	US-11-293-697-4457	7	Sequence 4457, Ap
322	60.5	5.7	645	US-10-449-902-36724	6	Sequence 36724, A
323	60.5	5.7	658	US-10-449-902-53223	6	Sequence 53223, A
324	60.5	5.7	676	US-10-449-902-44314	6	Sequence 44314, A
325	60.5	5.7	676	US-10-449-902-45589	6	Sequence 45589, A
326	60.5	5.7	718	US-10-449-902-52578	6	Sequence 52578, A
327	60.5	5.7	728	US-10-449-902-50605	6	Sequence 50605, A
328	60.5	5.7	728	US-10-449-902-54766	6	Sequence 54766, A
329	60.5	5.7	753	US-11-175-714-57	7	Sequence 57, Appl
330	60.5	5.7	821	US-10-505-928-316	6	Sequence 316, Appl
331	60.5	5.7	1650	US-11-175-714-70	7	Sequence 70, Appl
332	60	5.6	103	US-11-150-871A-213	7	Sequence 213, App
333	60	5.6	125	US-11-219-563-79	7	Sequence 79, Appl
334	60	5.6	126	US-10-994-679-68	6	Sequence 68, Appl
335	60	5.6	198	US-10-505-928-290	6	Sequence 290, App
336	60	5.6	264	US-10-449-902-45944	6	Sequence 45944, A
337	60	5.6	283	US-10-449-902-50910	6	Sequence 50910, A
338	60	5.6	293	US-10-449-902-30804	6	Sequence 30804, A
339	60	5.6	365	US-10-505-928-148	6	Sequence 148, App
340	60	5.6	433	US-10-449-902-40854	6	Sequence 40854, A
341	60	5.6	469	US-11-293-697-4287	6	Sequence 4287, Ap
342	60	5.6	496	US-10-449-902-54256	6	Sequence 54256, A
343	60	5.6	508	US-11-316-521-36	6	Sequence 36, Appl
344	60	5.6	571	US-10-449-902-48231	6	Sequence 48231, A
345	60	5.6	582	US-10-471-571A-2614	6	Sequence 2614, Ap
346	60	5.6	610	US-10-505-928-580	6	Sequence 580, App
347	60	5.6	617	US-11-105-233-61	7	Sequence 61, Appl
348	60	5.6	624	US-10-449-902-44599	6	Sequence 44599, A
349	60	5.6	695	US-10-953-349-32553	6	Sequence 32553, A
350	60	5.6	781	US-10-953-349-32552	6	Sequence 32552, A
351	60	5.6	831	US-10-953-349-32551	6	Sequence 32551, A
352	60	5.6	991	US-10-449-902-56192	6	Sequence 56192, A
354	60	5.6	1168	US-10-449-902-41273	6	Sequence 41273, A
355	60	5.6	1206	US-10-953-349-16463	6	Sequence 16463, A
356	60	5.6	1210	US-10-953-349-16462	6	Sequence 16462, A
357	60	5.6	1383	US-10-953-349-16461	6	Sequence 16461, A
358	60	5.6	2355	US-11-105-233-158	7	Sequence 158, App
359	59.5	5.6	129	US-11-337-300-451	7	Sequence 451, App
360	59.5	5.6	149	US-09-784-950-28	1	Sequence 28, Appl
361	59.5	5.6	247	US-10-539-402-13	6	Sequence 13, Appl
362	59.5	5.6	253	US-10-449-902-52348	6	Sequence 52348, A
363	59.5	5.6	256	US-10-953-349-6059	6	Sequence 6059, Ap
364	59.5	5.6	271	US-11-337-300-286	6	Sequence 286, App
365	59.5	5.6	314	US-10-953-349-6058	6	Sequence 6058, Ap
366	59.5	5.6	324	US-10-449-902-28867	6	Sequence 28867, A
367	59.5	5.6	354	US-10-471-571A-524	7	Sequence 524, App
368	59.5	5.6	354	US-10-953-613C-1011	6	Sequence 1011, Ap
369	59.5	5.6	374	US-11-091-234A-31	7	Sequence 31, Appl
370	59.5	5.6	387	US-10-953-349-4674	6	Sequence 4674, Ap
371	59.5	5.6	391	US-10-449-902-44718	6	Sequence 44718, A
372	59.5	5.6	412	US-10-953-349-4673	6	Sequence 4673, Ap
373	59.5	5.6	466	US-10-953-349-4672	6	Sequence 4672, Ap
374	59.5	5.6	485	US-10-953-349-5477	6	Sequence 5477, Ap
375	59.5	5.6	491	US-11-293-697-3789	6	Sequence 3789, Ap
376	59.5	5.6	491	US-10-953-349-4262	6	Sequence 4262, Ap
377	59.5	5.6	494	US-11-293-697-4290	7	Sequence 4290, Ap
378	59.5	5.6	495	US-11-293-697-4078	7	Sequence 4078, Ap
379	59.5	5.6	495	US-11-293-697-4275	7	Sequence 4275, Ap
380	59.5	5.6	496	US-11-293-697-4114	7	Sequence 4114, Ap
381	59.5	5.6	500	US-11-293-697-4058	7	Sequence 4058, Ap
382	59.5	5.6	500	US-11-293-697-4255	7	Sequence 4255, Ap
383	59.5	5.6	502	US-11-293-697-4684	7	Sequence 4684, Ap
384	59.5	5.6	519	US-11-293-697-4245	7	Sequence 4245, Ap
385	59.5	5.6	543	US-10-953-349-5476	6	Sequence 5476, Ap
386	59.5	5.6	573	US-11-244-956-29	7	Sequence 29, Appl
387	59.5	5.6	573	US-10-449-902-46664	6	Sequence 46664, A
388	59.5	5.6	589	US-10-449-902-50357	6	Sequence 50357, A
389	59.5	5.6	602	US-11-121-154-141	7	Sequence 141, App
390	59.5	5.6	646	US-10-449-902-47504	6	Sequence 47504, A
391	59.5	5.6	685	US-11-175-714-38	7	Sequence 38, Appl
392	59.5	5.6	709	US-10-449-902-47832	6	Sequence 47832, A
393	59.5	5.6	709	US-10-505-928-523	6	Sequence 523, App
394	59.5	5.6	719	US-11-301-554-335	6	Sequence 335, App
395	59.5	5.6	829	US-10-449-902-45970	6	Sequence 45970, A
396	59.5	5.6	1003	US-11-274-634-16	7	Sequence 16, Appl
397	59.5	5.6	1338	US-10-548-48-51	6	Sequence 51, Appl
398	59.5	5.6	1338	US-10-505-928-634	6	Sequence 634, App
399	59.5	5.6	1338	US-10-505-928-857	6	Sequence 857, App

Left column (rows 400–473):

No.	S1	S2	Len	Accession	n	Description
400	59.5	5.6	1338	US-11-248-956-11	7	Sequence 11, Appl
401	59	5.5	96	US-10-953-349-14973	6	Sequence 14973, A
402	59	5.5	119	US-10-953-349-14972	6	Sequence 14972, A
403	59	5.5	137	US-10-449-902-42644	6	Sequence 42644, Ap
404	59	5.5	237	US-10-953-349-8534	6	Sequence 8534, Ap
405	59	5.5	239	US-11-293-697-4028	7	Sequence 4028, Ap
406	59	5.5	300	US-10-471-571A-3036	7	Sequence 3036, App
407	59	5.5	344	US-10-449-902-47176	6	Sequence 47176, A
408	59	5.5	346	US-10-953-349-2517	6	Sequence 2517, App
409	59	5.5	346	US-10-953-349-2516	6	Sequence 2516, Ap
410	59	5.5	352	US-10-953-349-3162	6	Sequence 3162, Ap
411	59	5.5	357	US-10-953-349-3161	6	Sequence 3161, Ap
412	59	5.5	367	US-10-953-349-3160	6	Sequence 3160, Ap
413	59	5.5	368	US-10-953-349-17519	6	Sequence 17519, A
414	59	5.5	372	US-10-449-902-44248	6	Sequence 44248, A
415	59	5.5	372	US-10-449-902-52584	6	Sequence 52584, A
416	59	5.5	392	US-10-953-349-17518	6	Sequence 17518, A
417	59	5.5	393	US-10-953-349-17517	6	Sequence 17517, A
418	59	5.5	394	US-10-449-902-48126	6	Sequence 48126, A
419	59	5.5	467	US-10-174-307B-3114	7	Sequence 3114, Ap
420	59	5.5	473	US-10-471-571A-582	6	Sequence 582, App
421	59	5.5	516	US-11-293-697-4201	7	Sequence 4201, Ap
422	59	5.5	519	US-11-301-764-71	7	Sequence 71, Appl
423	59	5.5	520	US-10-449-902-42300	6	Sequence 42300, A
424	59	5.5	531	US-11-293-697-4508	7	Sequence 4508, Ap
425	59	5.5	532	US-10-449-902-35642	6	Sequence 35642, A
426	59	5.5	534	US-11-170-797-17	7	Sequence 17, Appl
427	59	5.5	552	US-11-233-089-38	7	Sequence 38, Appl
428	59	5.5	662	US-11-301-764-5	7	Sequence 5, Appli
429	59	5.5	664	US-10-449-902-47742	6	Sequence 47742, A
430	59	5.5	758	US-11-191-244-66	7	Sequence 66, Appl
431	59	5.5	764	US-11-301-764-39	7	Sequence 39, Appl
432	59	5.5	771	US-10-505-928-255	6	Sequence 255, App
433	59	5.5	782	US-11-293-697-3013	7	Sequence 3013, Ap
434	58.5	5.5	828	US-10-449-902-52141	6	Sequence 52141, A
435	58.5	5.5	914	US-11-121-154-119	7	Sequence 119, Appl
436	58.5	5.5	1042	US-11-548-48-53	7	Sequence 53, Appli
437	58.5	5.5	1106	US-10-449-902-41185	6	Sequence 41185, A
438	58.5	5.5	112	US-11-211-917-4	7	Sequence 4, Appli
439	58.5	5.5	186	US-11-342-171-68	7	Sequence 68, Appl
440	58.5	5.5	205	US-10-449-902-29965	6	Sequence 29965, A
441	58.5	5.5	286	US-09-784-950-23	1	Sequence 23, Appl
442	58.5	5.5	304	US-10-953-349-30735	6	Sequence 30735, A
443	58.5	5.5	326	US-10-953-349-30734	6	Sequence 30734, A
444	58.5	5.5	330	US-10-471-571A-2782	6	Sequence 2782, Ap
445	58.5	5.5	331	US-10-953-349-30733	6	Sequence 30733, A
446	58.5	5.5	362	US-11-342-171-7	7	Sequence 7, Appli
447	58.5	5.5	362	US-11-342-171-68	7	Sequence 68, Appl
448	58.5	5.5	365	US-10-449-902-36990	6	Sequence 36990, A
449	58.5	5.5	365	US-10-449-902-37120	6	Sequence 37120, A
450	58.5	5.5	365	US-11-293-697-2984	7	Sequence 2984, Ap
451	58.5	5.5	369	US-10-953-349-4153	6	Sequence 4153, Ap
452	58.5	5.5	376	US-10-953-349-7342	6	Sequence 7342, Ap
453	58.5	5.5	407	US-10-953-349-7341	6	Sequence 7341, Ap
454	58.5	5.5	463	US-11-101-316-86	7	Sequence 86, Appl
455	58.5	5.5	464	US-11-211-917-22	7	Sequence 22, Appl
456	58.5	5.5	474	US-11-293-697-4282	7	Sequence 4282, Ap
457	58.5	5.5	491	US-11-174-307B-3058	7	Sequence 3058, Ap
458	58.5	5.5	497	US-10-953-349-4152	6	Sequence 4152, Ap
459	58.5	5.5	533	US-11-174-307B-3224	7	Sequence 3224, Ap
460	58.5	5.5	535	US-11-807-997-4	7	Sequence 4, Appli
461	58.5	5.5	541	US-11-256-199A-4	7	Sequence 4, Appli
462	58.5	5.5	541	US-11-233-089-6	7	Sequence 6, Appli
463	58.5	5.5	553	US-11-233-089-8	7	Sequence 8, Appli
464	58.5	5.5	585	US-10-449-902-35237	6	Sequence 35237, A
465	58.5	5.5	585	US-10-449-902-56311	6	Sequence 56311, A
466	58.5	5.5	640	US-10-449-902-46401	6	Sequence 46401, A
467	58.5	5.5	685	US-11-175-714-2	7	Sequence 2, Appli
470	58.5	5.5	685	US-11-175-714-28	7	Sequence 28, Appl
471	58.5	5.5	685	US-11-175-714-32	7	Sequence 32, Appl
472	58.5	5.5	685	US-11-175-714-36	7	Sequence 36, Appl

Right column (rows 474–546):

No.	S1	S2	Len	Accession	n	Description
474	58.5	5.5	685	US-11-178-724-20	7	Sequence 20, Appl
475	58.5	5.5	685	US-11-264-243-2	7	Sequence 2, Appli
476	58.5	5.5	685	US-11-071-796A-19	6	Sequence 19, Appl
477	58.5	5.5	697	US-10-449-902-51090	6	Sequence 51090, A
478	58.5	5.5	700	US-10-449-902-35284	6	Sequence 35284, A
479	58.5	5.5	700	US-10-449-902-47077	6	Sequence 47077, A
480	58.5	5.5	860	US-11-292-431-3	7	Sequence 3, Appli
481	58.5	5.5	901	US-10-449-902-44271	6	Sequence 44271, A
482	58.5	5.5	1016	US-10-519-083-2	7	Sequence 2, Appli
483	58.5	5.5	1255	US-11-105-233-184	7	Sequence 184, App
484	58.5	5.5	1576	US-11-238-031-5	7	Sequence 5, Appli
485	58.5	5.5	4059	US-10-501-834-6	6	Sequence 6, Appli
486	58	5.4	82	US-10-953-349-39691	6	Sequence 39691, A
487	58	5.4	120	US-11-211-917-108	7	Sequence 108, App
488	58	5.4	147	US-10-794-755-6	7	Sequence 6, Appli
489	58	5.4	147	US-11-315-825-31	6	Sequence 31, Appl
490	58	5.4	229	US-10-449-902-33850	6	Sequence 33850, A
491	58	5.4	229	US-10-449-902-45443	6	Sequence 45443, A
492	58	5.4	230	US-10-449-902-49282	6	Sequence 49282, A
493	58	5.4	240	US-10-471-571A-4200	6	Sequence 4200, Ap
494	58	5.4	240	US-10-471-571A-4183	6	Sequence 4183, Ap
495	58	5.4	244	US-10-449-902-40541	6	Sequence 40541, A
496	58	5.4	298	US-11-174-307B-4774	6	Sequence 4774, App
497	58	5.4	323	US-10-953-349-18953	6	Sequence 18953, A
498	58	5.4	332	US-10-471-571A-5630	6	Sequence 5630, Ap
499	58	5.4	332	US-10-449-902-37738	6	Sequence 37738, A
500	58	5.4	362	US-10-953-349-34066	6	Sequence 34066, A
501	58	5.4	378	US-10-953-349-34065	6	Sequence 34065, A
502	58	5.4	379	US-10-953-349-34064	6	Sequence 34064, A
503	58	5.4	385	US-11-315-766-16	7	Sequence 16, Appl
504	58	5.4	389	US-10-953-349-17493	6	Sequence 17493, A
505	58	5.4	400	US-10-953-349-17492	6	Sequence 17492, A
506	58	5.4	416	US-10-953-349-17491	6	Sequence 17491, A
507	58	5.4	429	US-10-449-902-29836	6	Sequence 29836, A
508	58	5.4	455	US-10-449-902-49662	6	Sequence 49662, A
509	58	5.4	460	US-10-953-349-8353	6	Sequence 8353, Ap
510	58	5.4	460	US-10-953-349-8352	6	Sequence 8352, Ap
511	58	5.4	462	US-10-449-902-43246	6	Sequence 43246, A
512	58	5.4	487	US-11-233-089-18	7	Sequence 48, Appl
513	58	5.4	529	US-11-233-089-48	6	Sequence 18, Appl
514	58	5.4	552	US-10-449-902-55513	7	Sequence 55513, A
515	58	5.4	633	US-10-449-902-54583	6	Sequence 54583, A
516	58	5.4	704	US-10-953-349-8794	6	Sequence 8794, Ap
517	58	5.4	780	US-10-449-902-36424	6	Sequence 36424, A
518	58	5.4	921	US-11-325-764-33	6	Sequence 33, Appl
519	58	5.4	1151	US-11-325-764-2	6	Sequence 2, Appli
520	58	5.4	1235	US-11-165-586-70	7	Sequence 70, Appl
521	58	5.4	1531	US-11-505-928-780	7	Sequence 780, App
522	58	5.4	1722	US-10-480-962-18	6	Sequence 18, Appl
523	58	5.4	2937	US-10-480-962-19	6	Sequence 19, Appl
524	58	5.4	2969	US-10-505-928-325	6	Sequence 325, App
525	57.5	5.4	3113	US-11-150-871A-214	7	Sequence 214, App
526	57.5	5.4	106	US-10-953-349-37339	6	Sequence 37339, A
527	57.5	5.4	141	US-10-953-349-5072	6	Sequence 5072, Ap
528	57.5	5.4	206	US-10-953-349-5071	6	Sequence 5071, Ap
529	57.5	5.4	213	US-10-953-349-5070	6	Sequence 5070, Ap
530	57.5	5.4	227	US-10-449-902-640	6	Sequence 640, App
531	57.5	5.4	245	US-11-289-102-366	6	Sequence 366, App
532	57.5	5.4	260	US-10-953-349-7184	7	Sequence 7184, Ap
533	57.5	5.4	289	US-10-953-349-35943	6	Sequence 35943, A
534	57.5	5.4	304	US-10-449-902-43533	6	Sequence 43533, A
535	57.5	5.4	376	US-10-953-349-11640	6	Sequence 11640, A
536	57.5	5.4	378	US-11-302-678-20	6	Sequence 20, Appl
537	57.5	5.4	380	US-11-251-208-419	7	Sequence 419, App
538	57.5	5.4	394	US-10-449-902-36124	7	Sequence 36124, A
539	57.5	5.4	420	US-10-449-902-56430	6	Sequence 56430, A
540	57.5	5.4	420	US-10-449-902-48907	6	Sequence 48907, A
541	57.5	5.4	422	US-10-449-902-11639	6	Sequence 11639, A
542	57.5	5.4	432	US-10-953-349-49743	6	Sequence 49743, A
543	57.5	5.4	437	US-10-953-349-9943	6	Sequence 9943, Ap
544	57.5	5.4	447	US-10-449-902-33842	6	Sequence 33842, A
545	57.5	5.4	464	US-10-449-902-54109	6	Sequence 54109, A
546	57.5	5.4	464			

No.					Identifier	Sequence
547	57.5	5.4	468	7	US-11-155-444-18	Sequence 18, Appl
548	57.5	5.4	468	7	US-11-156-109-12	Sequence 12, Appl
549	57.5	5.4	475	6	US-10-953-349-11638	Sequence 11638, A
550	57.5	5.4	476	6	US-11-293-697-4288	Sequence 4288, Ap
551	57.5	5.4	491	6	US-10-953-349-11365	Sequence 11365, A
552	57.5	5.4	498	6	US-10-953-349-1060	Sequence 1060, Ap
553	57.5	5.4	516	6	US-10-953-349-7985	Sequence 7985, Ap
554	57.5	5.4	536	6	US-10-449-902-53485	Sequence 53485, A
555	57.5	5.4	536	6	US-11-174-307B-3498	Sequence 3498, Ap
556	57.5	5.4	547	7	US-10-953-349-7984	Sequence 7984, Ap
557	57.5	5.4	553	7	US-11-233-089-36	Sequence 36, Appl
558	57.5	5.4	577	6	US-11-289-102-348	Sequence 348, App
559	57.5	5.4	584	6	US-10-449-902-41439	Sequence 41439, A
560	57.5	5.4	586	6	US-10-953-349-9942	Sequence 9942, Ap
561	57.5	5.4	590	6	US-10-953-349-9941	Sequence 9941, Ap
562	57.5	5.4	609	7	US-10-953-349-1059	Sequence 1059, Ap
563	57.5	5.4	630	6	US-11-293-697-2818	Sequence 2818, Ap
564	57.5	5.4	631	6	US-10-449-902-52582	Sequence 52582, A
565	57.5	5.4	632	6	US-10-953-349-1058	Sequence 1058, Ap
566	57.5	5.4	661	6	US-10-953-349-11364	Sequence 11364, A
567	57.5	5.4	671	6	US-10-449-902-36220	Sequence 36220, A
568	57.5	5.4	756	7	US-11-293-697-3722	Sequence 3722, Ap
569	57.5	5.4	797	6	US-10-953-349-11363	Sequence 11363, A
570	57.5	5.4	889	6	US-10-449-902-41050	Sequence 41050, A
571	57.5	5.4	1349	7	US-10-471-571A-3352	Sequence 3352, Ap
572	57	5.3	1674	7	US-10-542-516-18	Sequence 18, Appl
573	57	5.3	1746	7	US-11-299-791-17	Sequence 17, Appl
574	57	5.3	1753	7	US-10-504-973-30	Sequence 30, Appl
575	57	5.3	97	6	US-11-150-871A-304	Sequence 304, App
576	57	5.3	121	6	US-11-917-26	Sequence 26, Appl
577	57	5.3	141	6	US-10-953-349-592	Sequence 592, Appl
578	57	5.3	171	6	US-11-154-977-67	Sequence 67, Appl
579	57	5.3	208	6	US-10-953-349-591	Sequence 591, Appl
580	57	5.3	214	6	US-10-953-349-12776	Sequence 12776, A
581	57	5.3	234	6	US-10-953-349-590	Sequence 590, Appl
582	57	5.3	256	6	US-10-953-349-37252	Sequence 37252, A
583	57	5.3	261	6	US-10-953-349-33360	Sequence 33360, A
584	57	5.3	282	6	US-10-953-349-37251	Sequence 37251, A
585	57	5.3	284	6	US-10-449-902-48746	Sequence 48746, A
586	57	5.3	303	6	US-10-953-349-37250	Sequence 37250, A
587	57	5.3	318	6	US-11-154-977-35	Sequence 35, Appl
588	57	5.3	341	6	US-10-449-902-52948	Sequence 52948, A
589	57	5.3	343	6	US-10-449-902-29813	Sequence 29813, A
590	57	5.3	352	6	US-10-953-349-33359	Sequence 33359, A
591	57	5.3	363	6	US-10-953-349-13590	Sequence 13590, A
592	57	5.3	365	6	US-10-953-349-13589	Sequence 13589, A
593	57	5.3	371	6	US-10-449-902-56271	Sequence 56271, A
594	57	5.3	406	6	US-10-449-902-33499	Sequence 33499, A
595	57	5.3	412	6	US-10-471-571A-84	Sequence 84, Appl
596	57	5.3	415	6	US-11-293-697-4324	Sequence 4324, Ap
597	57	5.3	417	6	US-10-449-902-54050	Sequence 54050, A
598	57	5.3	421	6	US-10-953-349-33358	Sequence 33358, A
599	57	5.3	439	6	US-10-449-902-38379	Sequence 38379, A
600	57	5.3	440	7	US-11-174-307B-3472	Sequence 3472, Ap
601	57	5.3	444	6	US-10-449-902-55854	Sequence 55854, A
602	57	5.3	449	7	US-10-471-571A-1756	Sequence 1756, Ap
603	57	5.3	454	7	US-11-313-836-52	Sequence 52, Appl
604	57	5.3	460	6	US-10-953-349-4780	Sequence 4780, Ap
605	57	5.3	463	6	US-10-953-349-4779	Sequence 4779, Ap
606	57	5.3	474	6	US-10-449-902-36003	Sequence 36003, A
607	57	5.3	478	6	US-10-449-902-48925	Sequence 48925, A
608	57	5.3	483	6	US-10-449-902-38379	Sequence 38379, A
609	57	5.3	500	7	US-11-174-307B-3472	Sequence 3472, Ap
610	57	5.3	508	7	US-11-197-712-242	Sequence 242, Appl
611	57	5.3	523	6	US-10-449-902-48709	Sequence 48709, A
612	57	5.3	530	6	US-10-449-902-38698	Sequence 38698, A
613	57	5.3	546	7	US-10-471-571A-1684	Sequence 1684, Ap
614	57	5.3	552	7	US-11-233-089-28	Sequence 28, Appl
615	57	5.3	552	7	US-11-233-089-40	Sequence 40, Appl
616	57	5.3	614	6	US-10-449-902-37876	Sequence 37876, A
617	57	5.3	635	6	US-10-531-659-19	Sequence 19, Appl
618	57	5.3	665	6	US-10-516-094-13	Sequence 13, Appl
619	57	5.3	728	6	US-10-449-902-47151	Sequence 47151, A

No.					Identifier	Sequence
620	57	5.3	738	6	US-10-511-937-2418	Sequence 2418, Ap
621	57	5.3	775	7	US-11-293-697-3494	Sequence 3494, Ap
622	57	5.3	796	7	US-11-266-446-36	Sequence 36, Appl
623	57	5.3	911	7	US-11-313-450-25	Sequence 25, Appl
624	57	5.3	959	6	US-10-449-902-52642	Sequence 52642, A
625	57	5.3	993	6	US-10-449-902-45747	Sequence 45747, A
627	57	5.3	999	6	US-10-519-083-4	Sequence 4, Appli
628	57	5.3	1031	6	US-10-449-902-41473	Sequence 41473, A
629	57	5.3	4511	7	US-11-330-363-2	Sequence 2, Appli
630	56.5	5.3	89	6	US-10-953-349-14974	Sequence 14974, A
631	56.5	5.3	112	7	US-11-211-917-76	Sequence 76, Appl
632	56.5	5.3	127	6	US-10-953-349-37340	Sequence 37340, A
633	56.5	5.3	129	6	US-10-981-300-50	Sequence 50, Appl
634	56.5	5.3	165	6	US-10-953-349-23526	Sequence 23526, A
635	56.5	5.3	209	6	US-10-953-349-23525	Sequence 23525, A
636	56.5	5.3	284	6	US-10-953-349-21336	Sequence 21336, A
637	56.5	5.3	294	6	US-10-953-349-21335	Sequence 21335, A
638	56.5	5.3	296	6	US-10-953-349-23524	Sequence 23524, A
639	56.5	5.3	307	6	US-10-953-349-6706	Sequence 6706, Ap
640	56.5	5.3	314	6	US-10-471-571A-5522	Sequence 5522, Ap
641	56.5	5.3	329	7	US-11-165-060-14	Sequence 14, Appl
642	56.5	5.3	330	7	US-11-174-307B-4590	Sequence 4590, Ap
643	56.5	5.3	352	6	US-10-828-564-16	Sequence 16, Appl
644	56.5	5.3	366	6	US-10-501-834-32	Sequence 32, Appl
645	56.5	5.3	366	7	US-11-293-697-3883	Sequence 3883, Ap
646	56.5	5.3	384	7	US-11-293-697-2595	Sequence 2595, Ap
647	56.5	5.3	407	6	US-10-449-902-31723	Sequence 31723, A
648	56.5	5.3	438	6	US-10-449-902-28597	Sequence 28597, A
649	56.5	5.3	438	6	US-10-449-902-30940	Sequence 30940, A
650	56.5	5.3	438	6	US-10-449-902-31131	Sequence 31131, A
651	56.5	5.3	438	6	US-10-449-902-31149	Sequence 31149, A
652	56.5	5.3	438	6	US-10-449-902-31675	Sequence 31675, A
653	56.5	5.3	438	6	US-10-449-902-32098	Sequence 32098, A
654	56.5	5.3	438	6	US-10-449-902-32329	Sequence 32329, A
655	56.5	5.3	438	6	US-10-449-902-32345	Sequence 32345, A
656	56.5	5.3	438	6	US-10-449-902-32507	Sequence 32507, A
657	56.5	5.3	438	6	US-10-449-902-32579	Sequence 32579, A
658	56.5	5.3	438	6	US-10-449-902-37233	Sequence 37233, A
659	56.5	5.3	438	6	US-10-449-902-37313	Sequence 37313, A
660	56.5	5.3	438	6	US-10-449-902-40437	Sequence 40437, A
661	56.5	5.3	442	6	US-10-449-902-42652	Sequence 42652, A
662	56.5	5.3	453	6	US-10-449-902-39597	Sequence 39597, A
663	56.5	5.3	455	6	US-10-449-902-49087	Sequence 49087, A
664	56.5	5.3	458	7	US-10-953-349-6705	Sequence 6705, Ap
665	56.5	5.3	466	6	US-10-449-902-50945	Sequence 50945, A
666	56.5	5.3	480	6	US-10-449-902-52201	Sequence 52201, A
667	56.5	5.3	541	7	US-11-301-554-336	Sequence 336, App
668	56.5	5.3	570	6	US-10-449-902-52502	Sequence 52502, A
669	56.5	5.3	593	7	US-11-256-173-30	Sequence 30, Appl
670	56.5	5.3	662	6	US-10-449-902-47653	Sequence 47653, A
671	56.5	5.3	681	6	US-10-449-902-55385	Sequence 55385, A
672	56.5	5.3	718	6	US-10-449-902-55892	Sequence 55892, A
673	56.5	5.3	721	6	US-10-449-902-55559	Sequence 55559, A
674	56.5	5.3	769	6	US-10-449-902-53522	Sequence 53522, A
675	56.5	5.3	788	7	US-11-170-482-12	Sequence 12, Appl
676	56.5	5.3	817	7	US-11-246-999-67	Sequence 67, Appl
677	56.5	5.3	836	7	US-11-121-154-184	Sequence 184, App
678	56.5	5.3	885	6	US-10-449-902-43735	Sequence 43735, A
679	56.5	5.3	918	6	US-10-449-902-47466	Sequence 47466, A
680	56.5	5.3	919	6	US-11-289-102-380	Sequence 380, App
681	56.5	5.3	921	6	US-10-449-902-54600	Sequence 54600, A
682	56.5	5.3	951	6	US-10-449-902-53543	Sequence 53543, A
683	56.5	5.3	1057	6	US-10-449-902-45127	Sequence 45127, A
684	56.5	5.3	1207	7	US-10-199-229-13	Sequence 13, Appl
685	56.5	5.3	1333	7	US-11-293-697-3230	Sequence 3230, Ap
686	56.5	5.3	1614	6	US-11-273-537-25	Sequence 25, Appl
687	56.5	5.3	2323	7	US-11-270-796-3	Sequence 3, Appli
688	56	5.2	97	6	US-10-505-928-199	Sequence 199, App
689	56	5.2	100	7	US-11-165-586-48	Sequence 48, Appl
690	56	5.2	113	7	US-11-150-871A-302	Sequence 302, App
691	56	5.2	113	7	US-11-239-308-45	Sequence 45, Appl
692		5.2		7	US-11-239-308-2	Sequence 2, Appli
693		5.2		7	US-11-290-687-17	Sequence 17, Appl

#					Reference	Sequence
694	56	5.2	118	7	US-11-281-266-42	Sequence 42, Appl
695	56	5.2	136	6	US-10-528-928-5	Sequence 5, Appli
696	56	5.2	148	7	US-09-784-950-24	Sequence 24, Appl
697	56	5.2	197	7	US-11-293-697-4091	Sequence 4091, App
698	56	5.2	203	6	US-10-953-349-39290	Sequence 39290, A
699	56	5.2	238	7	US-10-953-349-39289	Sequence 39289, A
700	56	5.2	271	7	US-11-134-228A-17	Sequence 17, Appl
702	56	5.2	306	7	US-11-311-754-35	Sequence 35, Appl
703	56	5.2	306	7	US-11-313-556-4	GENERAL INFORMA
704	56	5.2	310	6	US-11-359-254-9	Sequence 9, Appli
705	56	5.2	306	6	US-10-953-349-39288	Sequence 39288, A
706	56	5.2	311	7	US-10-953-349-36333	Sequence 36333, A
707	56	5.2	314	6	US-11-170-797-8	Sequence 8, Appli
708	56	5.2	330	7	US-11-256-060-15	Sequence 15, Appl
709	56	5.2	360	6	US-10-953-349-28573	Sequence 28573, A
710	56	5.2	378	6	US-11-174-307B-182	Sequence 182, App
711	56	5.2	379	6	US-10-953-349-20206	Sequence 20206, A
712	56	5.2	392	6	US-10-953-349-20205	Sequence 20205, A
713	56	5.2	394	6	US-10-953-349-28572	Sequence 28572, A
714	56	5.2	415	6	US-10-449-902-37933	Sequence 37933, A
715	56	5.2	415	6	US-10-449-902-49637	Sequence 49637, A
716	56	5.2	435	6	US-10-449-902-55350	Sequence 55350, A
717	56	5.2	444	6	US-10-953-349-9799	Sequence 9799, Ap
718	56	5.2	447	7	US-11-256-060-19	Sequence 19, Appl
719	56	5.2	451	7	US-11-256-060-17	Sequence 17, Appl
720	56	5.2	461	6	US-10-471-571A-4854	Sequence 4854, Ap
721	56	5.2	467	6	US-11-293-697-4293	Sequence 4293, Ap
722	56	5.2	468	6	US-10-953-349-36332	Sequence 36332, A
723	56	5.2	474	7	US-11-211-917-14	Sequence 14, Appl
724	56	5.2	481	6	US-10-953-349-36331	Sequence 36331, A
725	56	5.2	487	6	US-10-953-349-23228	Sequence 23228, A
726	56	5.2	516	6	US-10-449-902-55197	Sequence 55197, A
727	56	5.2	552	7	US-11-233-089-24	Sequence 24, Appl
728	56	5.2	573	7	US-11-121-154-166	Sequence 166, App
729	56	5.2	580	6	US-10-449-902-41431	Sequence 41431, A
730	56	5.2	582	7	US-11-293-697-3683	Sequence 3683, Ap
731	56	5.2	596	6	US-10-449-902-45737	Sequence 45737, A
732	56	5.2	602	6	US-10-449-902-41945	Sequence 41945, A
733	56	5.2	616	6	US-10-449-902-36859	Sequence 36859, A
734	56	5.2	636	6	US-10-471-571A-2534	Sequence 2534, Ap
735	56	5.2	654	6	US-10-449-902-52096	Sequence 52096, A
736	56	5.2	664	6	US-10-449-902-50982	Sequence 50982, A
737	56	5.2	685	7	US-11-134-228A-2	Sequence 2, Appli
738	56	5.2	693	7	US-11-242-505A-9	Sequence 9, Appli
739	56	5.2	700	7	US-11-511-795-2	Sequence 2, Appli
740	55.5	5.2	766	6	US-10-449-902-44105	Sequence 44105, A
741	55.5	5.2	805	6	US-10-471-571A-856	Sequence 856, Appl
742	55.5	5.2	1863	6	US-10-480-434A-16	Sequence 16, Appl
743	55.5	5.2	1944	7	US-11-330-363-3	Sequence 3, Appli
744	55.5	5.2	106	7	US-11-150-871A-183	Sequence 183, App
745	55.5	5.2	112	7	US-11-211-917-12	Sequence 12, Appl
746	55.5	5.2	112	7	US-11-211-917-52	Sequence 52, Appl
747	55.5	5.2	112	7	US-11-211-917-60	Sequence 60, Appl
748	55.5	5.2	123	7	US-11-211-917-94	Sequence 94, Appl
749	55.5	5.2	168	7	US-11-337-300-347	Sequence 347, App
750	55.5	5.2	217	6	US-10-449-902-34914	Sequence 34914, A
751	55.5	5.2	249	6	US-10-449-902-53925	Sequence 53925, A
752	55.5	5.2	252	7	US-11-337-300-92	Sequence 92, Appl
753	55.5	5.2	253	6	US-10-449-902-42690	Sequence 42690, A
754	55.5	5.2	274	6	US-11-337-300-234	Sequence 234, App
755	55.5	5.2	280	6	US-10-953-349-27481	Sequence 27481, A
756	55.5	5.2	274	6	US-10-471-571A-178	Sequence 178, App
757	55.5	5.2	313	6	US-10-449-902-41443	Sequence 41443, A
758	55.5	5.2	327	6	US-10-471-571A-668	Sequence 668, Appl
759	55.5	5.2	328	6	US-10-449-902-46077	Sequence 46077, A
760	55.5	5.2	330	6	US-10-449-902-30427	Sequence 30427, A
761	55.5	5.2	330	7	US-11-219-563-136	Sequence 136, Appl
762	55.5	5.2	330	7	US-11-221-902-25	Sequence 25, Appl
763	55.5	5.2	330	7	US-11-221-902-85	Sequence 85, Appl
764	55.5	5.2	330	7	US-11-221-902-86	Sequence 86, Appl
765	55.5	5.2	330	7	US-11-221-902-87	Sequence 87, Appl
766	55.5	5.2	330	7	US-11-221-902-88	Sequence 88, Appl
767	55.5	5.2	330	7	US-11-221-902-89	Sequence 89, Appl
768	55.5	5.2	330	7	US-11-174-287-1	Sequence 1, Appli
769	55.5	5.2	330	7	US-11-295-006-5	Sequence 5, Appli
770	55.5	5.2	330	7	US-11-256-060-10	Sequence 10, Appl
771	55.5	5.2	336	7	US-11-174-307B-4244	Sequence 4244, Ap
772	55.5	5.2	339	6	US-10-953-613C-1015	Sequence 1015, Ap
773	55.5	5.2	339	7	US-11-091-234A-35	Sequence 35, Appl
774	55.5	5.2	360	6	US-10-449-902-36013	Sequence 36013, A
775	55.5	5.2	376	6	US-11-174-307B-3716	Sequence 3716, Ap
776	55.5	5.2	384	7	US-10-449-902-48197	Sequence 48197, A
777	55.5	5.2	391	6	US-10-449-902-31076	Sequence 31076, A
778	55.5	5.2	414	7	US-11-293-697-4412	Sequence 4412, Ap
779	55.5	5.2	426	7	US-11-174-307B-5232	Sequence 5232, Ap
780	55.5	5.2	430	7	US-11-251-208-91	Sequence 91, Appl
781	55.5	5.2	433	6	US-10-515-429-55	Sequence 55, Appl
782	55.5	5.2	445	7	US-10-337-300-474	Sequence 474, App
783	55.5	5.2	446	7	US-11-337-300-117	Sequence 117, App
784	55.5	5.2	447	7	US-11-219-121-30	Sequence 30, Appl
785	55.5	5.2	447	7	US-11-219-121-32	Sequence 32, Appl
786	55.5	5.2	448	7	US-11-183-218-56	Sequence 56, Appl
787	55.5	5.2	448	7	US-11-254-182-16	Sequence 16, Appl
788	55.5	5.2	448	7	US-11-297-317-4	Sequence 4, Appli
789	55.5	5.2	448	7	US-11-219-121-28	Sequence 28, Appl
790	55.5	5.2	448	7	US-11-295-229-16	Sequence 16, Appl
791	55.5	5.2	448	7	US-11-337-300-127	Sequence 127, App
792	55.5	5.2	449	7	US-11-254-182-14	Sequence 14, Appl
793	55.5	5.2	449	7	US-11-295-229-14	Sequence 14, Appl
794	55.5	5.2	449	7	US-11-254-182-24	Sequence 24, Appl
795	55.5	5.2	449	7	US-11-295-229-18	Sequence 18, Appl
796	55.5	5.2	450	6	US-10-542-508-45	Sequence 45, Appl
797	55.5	5.2	450	6	US-10-542-508-47	Sequence 47, Appl
798	55.5	5.2	450	6	US-10-542-508-49	Sequence 49, Appl
799	55.5	5.2	450	6	US-10-542-508-51	Sequence 51, Appl
800	55.5	5.2	450	6	US-10-542-508-53	Sequence 53, Appl
801	55.5	5.2	450	7	US-11-221-902-2	Sequence 2, Appli
802	55.5	5.2	450	7	US-11-263-230-208	Sequence 208, App
803	55.5	5.2	450	7	US-11-263-230-210	Sequence 210, App
804	55.5	5.2	450	7	US-11-263-230-212	Sequence 212, App
805	55.5	5.2	450	7	US-11-263-230-214	Sequence 214, App
806	55.5	5.2	450	7	US-11-263-230-216	Sequence 216, App
807	55.5	5.2	450	7	US-11-263-230-218	Sequence 218, App
808	55.5	5.2	450	7	US-11-263-230-220	Sequence 220, App
809	55.5	5.2	450	7	US-11-263-230-222	Sequence 222, App
810	55.5	5.2	450	7	US-11-263-230-224	Sequence 224, App
811	55.5	5.2	450	7	US-11-263-230-226	Sequence 226, App
812	55.5	5.2	450	7	US-11-263-230-228	Sequence 228, App
813	55.5	5.2	450	7	US-11-263-230-230	Sequence 230, App
814	55.5	5.2	450	7	US-11-263-230-232	Sequence 232, App
815	55.5	5.2	450	7	US-11-263-230-234	Sequence 234, App
816	55.5	5.2	450	7	US-11-263-230-236	Sequence 236, App
817	55.5	5.2	450	7	US-11-263-230-238	Sequence 238, App
818	55.5	5.2	450	7	US-11-263-230-240	Sequence 240, App
819	55.5	5.2	450	7	US-11-263-230-242	Sequence 242, App
820	55.5	5.2	450	7	US-11-263-230-244	Sequence 244, App
821	55.5	5.2	450	7	US-11-263-230-246	Sequence 246, App
822	55.5	5.2	450	7	US-11-263-230-248	Sequence 248, App
823	55.5	5.2	450	7	US-11-263-230-250	Sequence 250, App
824	55.5	5.2	450	7	US-11-263-230-252	Sequence 252, App
825	55.5	5.2	450	7	US-11-263-230-254	Sequence 254, App
826	55.5	5.2	450	7	US-11-263-230-256	Sequence 256, App
827	55.5	5.2	450	7	US-11-263-230-303	Sequence 303, App
828	55.5	5.2	450	7	US-11-263-230-309	Sequence 309, App
829	55.5	5.2	450	7	US-11-263-230-316	Sequence 316, App
830	55.5	5.2	450	7	US-11-263-230-322	Sequence 322, App
831	55.5	5.2	450	7	US-11-263-230-327	Sequence 327, App
832	55.5	5.2	450	7	US-11-337-300-123	Sequence 123, App
833	55.5	5.2	450	7	US-11-337-300-125	Sequence 125, App
834	55.5	5.2	450	7	US-11-337-300-472	Sequence 472, App
835	55.5	5.2	450	7	US-11-197-665-34	Sequence 34, Appl
836	55.5	5.2	450	7	US-11-197-665-38	Sequence 38, Appl
837	55.5	5.2	450	7	US-11-254-182-41	Sequence 41, Appl
838	55.5	5.2	451	7	US-11-254-182-42	Sequence 42, Appl
839	55.5	5.2	451	7	US-11-254-182-43	Sequence 43, Appl
840	55.5	5.2	451	7	US-11-254-182-51	Sequence 51, Appl

Left block (rows 841–913):

#	55.5	5.2	Length	W	Reference No.	Sequence
841	55.5	5.2	451	7	US-11-254-182-53	Sequence 53, Appl
842	55.5	5.2	451	7	US-11-254-182-71	Sequence 71, Appl
843	55.5	5.2	451	7	US-11-254-182-72	Sequence 72, Appl
844	55.5	5.2	451	7	US-11-238-281-31	Sequence 31, Appl
845	55.5	5.2	451	7	US-11-238-281-34	Sequence 34, Appl
846	55.5	5.2	451	7	US-11-238-281-41	Sequence 41, Appl
847	55.5	5.2	451	7	US-11-238-281-42	Sequence 42, Appl
848	55.5	5.2	451	7	US-11-238-281-43	Sequence 43, Appl
849	55.5	5.2	451	7	US-11-337-300-121	Sequence 121, App
850	55.5	5.2	452	7	US-11-254-182-65	Sequence 65, Appl
851	55.5	5.2	452	7	US-11-254-182-66	Sequence 66, Appl
852	55.5	5.2	452	7	US-11-106-762-4	Sequence 4, Appl
853	55.5	5.2	452	7	US-11-106-762-5	Sequence 5, Appli
854	55.5	5.2	452	7	US-11-106-762-26	Sequence 28, Appl
855	55.5	5.2	452	7	US-11-106-762-28	Sequence 28, Appl
856	55.5	5.2	452	7	US-11-106-762-34	Sequence 34, Appl
857	55.5	5.2	452	7	US-11-106-762-36	Sequence 36, Appl
858	55.5	5.2	452	7	US-11-106-762-39	Sequence 39, Appl
859	55.5	5.2	452	7	US-11-106-762-14	Sequence 14, Appl
860	55.5	5.2	452	7	US-11-238-281-15	Sequence 15, Appl
861	55.5	5.2	452	7	US-11-238-281-29	Sequence 29, Appl
862	55.5	5.2	452	7	US-11-337-300-119	Sequence 119, App
863	55.5	5.2	453	7	US-11-254-182-44	Sequence 44, Appl
864	55.5	5.2	467	7	US-11-254-182-18	Sequence 18, Appl
865	55.5	5.2	470	7	US-11-293-697-4191	Sequence 4191, Ap
866	55.5	5.2	470	7	US-11-293-697-4292	Sequence 4292, Ap
867	55.5	5.2	471	7	US-11-106-762-25	Sequence 25, Appl
868	55.5	5.2	471	7	US-11-106-762-27	Sequence 27, Appl
869	55.5	5.2	471	7	US-11-293-697-4294	Sequence 4294, Ap
870	55.5	5.2	471	7	US-11-291-698A-57	Sequence 57, Appl
871	55.5	5.2	471	7	US-11-291-698A-58	Sequence 58, Appl
872	55.5	5.2	472	6	US-11-546-594-130	Sequence 130, App
873	55.5	5.2	472	6	US-11-293-697-4073	Sequence 4073, Ap
874	55.5	5.2	472	6	US-11-293-697-4291	Sequence 4291, Ap
875	55.5	5.2	472	6	US-11-293-697-4295	Sequence 4295, Ap
876	55.5	5.2	472	6	US-11-289-102-323	Sequence 323, App
877	55.5	5.2	473	7	US-11-293-697-4278	Sequence 4278, Ap
878	55.5	5.2	473	7	US-11-293-697-4284	Sequence 4284, Ap
879	55.5	5.2	473	7	US-11-293-697-4681	Sequence 4681, Ap
880	55.5	5.2	474	7	US-11-293-697-4640	Sequence 4640, Ap
881	55.5	5.2	477	6	US-11-559-236-2	Sequence 2, Appli
882	55.5	5.2	477	6	US-11-293-697-4289	Sequence 4289, Ap
883	55.5	5.2	486	6	US-10-471-571A-1626	Sequence 1626, Ap
884	55.5	5.2	486	6	US-10-449-902-31413	Sequence 31413, A
885	55.5	5.2	495	6	US-11-329-293-5	Sequence 5, Appli
886	55.5	5.2	498	6	US-11-329-293-2	Sequence 2, Appli
887	55.5	5.2	504	6	US-10-449-902-53073	Sequence 53073, A
888	55.5	5.2	504	6	US-10-449-902-55912	Sequence 55912, A
889	55.5	5.2	518	6	US-10-449-902-38345	Sequence 38345, A
890	55.5	5.2	552	7	US-11-233-089-30	Sequence 30, Appl
891	55.5	5.2	575	7	US-11-293-697-3579	Sequence 3579, Ap
892	55.5	5.2	578	6	US-11-174-307B-4104	Sequence 4104, Ap
893	55.5	5.2	638	6	US-10-449-902-48991	Sequence 48991, A
894	55.5	5.2	680	6	US-10-953-349-4448	Sequence 4448, Ap
895	55.5	5.2	697	6	US-11-155-444-2	Sequence 2, Appli
896	55.5	5.2	697	6	US-11-156-109-2	Sequence 2, Appli
897	55.5	5.2	701	6	US-11-155-444-8	Sequence 8, Appli
898	55.5	5.2	701	6	US-11-156-109-8	Sequence 8, Appli
899	55.5	5.2	717	6	US-10-953-349-4447	Sequence 4447, Ap
900	55.5	5.2	721	6	US-10-449-902-44742	Sequence 4446, Ap
901	55.5	5.2	738	6	US-10-953-349-4446	Sequence 48641, A
902	55.5	5.2	783	6	US-10-449-902-48641	Sequence 47083, A
903	55.5	5.2	848	6	US-10-449-902-47083	Sequence 1, Appli
904	55.5	5.2	871	6	US-11-316-132-1	Sequence 43257, A
905	55.5	5.2	926	6	US-10-449-902-43257	Sequence 41320, A
906	55.5	5.2	932	6	US-10-449-902-41320	Sequence 9, Appli
907	55.5	5.2	951	6	US-10-199-229-9	Sequence 47085, A
908	55.5	5.2	1082	6	US-10-449-902-47085	Sequence 168, App
909	55.5	5.2	1141	6	US-11-175-714-168	Sequence 166, App
910	55.5	5.2	1154	6	US-10-449-902-41152	Sequence 165, App
911	55.5	5.2	1166	6	US-11-175-714-166	Sequence 99, Appl
912	55.5	5.2	1188	7	US-11-175-714-165	
913	55	5.2	108	7	US-11-023-959A-99	

Right block (rows 914–986):

#	55	5.2	Length	W	Reference No.	Sequence
914	55	5.2	108	7	US-11-281-266-85	Sequence 85, Appl
915	55	5.2	110	7	US-11-150-871A-57	Sequence 57, Appl
916	55	5.2	114	6	US-10-953-349-34401	Sequence 34401, A
917	55	5.2	114	7	US-11-249-296-48	Sequence 48, Appl
918	55	5.2	120	6	US-10-449-902-42727	Sequence 42727, A
919	55	5.2	121	6	US-10-953-349-34400	Sequence 34400, A
920	55	5.2	125	7	US-11-337-300-82	Sequence 82, Appl
921	55	5.2	130	6	US-10-953-349-34399	Sequence 34399, A
922	55	5.2	152	6	US-10-449-902-33232	Sequence 33232, A
923	55	5.2	156	6	US-10-953-349-33278	Sequence 33278, A
924	55	5.2	159	6	US-10-449-902-33935	Sequence 33935, A
925	55	5.2	194	7	US-11-251-208-115	Sequence 115, App
926	55	5.2	213	6	US-10-953-349-24873	Sequence 24873, A
927	55	5.2	216	6	US-10-449-902-28992	Sequence 28992, A
928	55	5.2	218	6	US-10-953-349-55743	Sequence 55743, A
929	55	5.2	235	6	US-10-449-902-35151	Sequence 35151, A
930	55	5.2	238	6	US-10-953-349-24872	Sequence 24872, A
931	55	5.2	255	6	US-10-953-349-20680	Sequence 20680, A
932	55	5.2	263	6	US-10-953-349-20679	Sequence 20679, A
933	55	5.2	264	6	US-10-953-349-20678	Sequence 20678, A
934	55	5.2	270	6	US-10-449-902-52352	Sequence 52352, A
935	55	5.2	278	6	US-10-953-349-24871	Sequence 24871, A
936	55	5.2	281	6	US-10-953-349-3091	Sequence 3091, Appl
937	55	5.2	289	6	US-10-953-349-6450	Sequence 6450, Ap
938	55	5.2	295	6	US-10-953-349-6449	Sequence 6449, Ap
939	55	5.2	295	6	US-10-953-349-17479	Sequence 17479, A
940	55	5.2	296	6	US-10-953-349-18275	Sequence 18275, A
941	55	5.2	298	6	US-10-953-349-33697	Sequence 33697, A
942	55	5.2	307	6	US-10-953-349-17478	Sequence 17478, A
943	55	5.2	321	6	US-10-953-349-22911	Sequence 22911, A
944	55	5.2	339	6	US-10-449-902-29459	Sequence 29459, A
945	55	5.2	350	6	US-11-174-307B-4336	Sequence 4336, Ap
946	55	5.2	355	6	US-10-953-349-24134	Sequence 24134, A
947	55	5.2	359	6	US-10-953-349-24133	Sequence 24133, A
948	55	5.2	366	6	US-10-953-349-24132	Sequence 24132, A
949	55	5.2	374	6	US-10-953-349-3090	Sequence 3090, Ap
950	55	5.2	379	6	US-10-953-349-3972	Sequence 3972, Ap
951	55	5.2	379	6	US-10-953-349-49057	Sequence 49057, A
952	55	5.2	380	7	US-11-311-754-24	Sequence 24, Appl
953	55	5.2	410	7	US-11-311-754-26	Sequence 26, Appl
954	55	5.2	413	6	US-10-953-349-23326	Sequence 23326, A
955	55	5.2	417	6	US-10-953-349-36166	Sequence 36166, A
956	55	5.2	418	6	US-10-449-902-34752	Sequence 34752, A
957	55	5.2	432	6	US-10-953-349-23325	Sequence 23325, A
958	55	5.2	435	6	US-10-953-349-17477	Sequence 17477, A
959	55	5.2	445	7	US-11-174-307B-3160	Sequence 3160, Ap
960	55	5.2	445	6	US-10-449-902-47652	Sequence 47652, A
961	55	5.2	451	6	US-10-449-902-56463	Sequence 56463, A
962	55	5.2	459	7	US-11-355-735-17	Sequence 17, Appl
963	55	5.2	461	7	US-11-471-571A-472	Sequence 472, App
964	55	5.2	462	6	US-11-293-697-3404	Sequence 3404, Ap
965	55	5.2	466	6	US-10-449-902-53748	Sequence 53748, A
966	55	5.2	472	6	US-10-953-349-4954	Sequence 4954, Ap
967	55	5.2	473	7	US-11-275-264-2	Sequence 2, Appli
968	55	5.2	478	6	US-10-953-349-32757	Sequence 32757, A
969	55	5.2	478	6	US-10-953-349-4953	Sequence 4953, Ap
970	55	5.2	483	6	US-10-449-902-47340	Sequence 47340, A
971	55	5.2	486	6	US-10-449-902-55618	Sequence 55618, A
972	55	5.2	489	6	US-10-953-349-36165	Sequence 36165, A
973	55	5.2	493	7	US-11-311-754-30	Sequence 30, Appl
974	55	5.2	502	6	US-10-953-349-29754	Sequence 29754, A
975	55	5.2	515	6	US-10-449-902-38560	Sequence 38560, A
976	55	5.2	517	6	US-10-449-902-40592	Sequence 40592, A
977	55	5.2	526	7	US-11-246-999-121	Sequence 121, App
978	55	5.2	531	7	US-11-293-697-3858	Sequence 3858, Ap
979	55	5.2	552	7	US-10-713-648A-62	Sequence 62, Appl
980	55	5.2	552	6	US-11-233-089-34	Sequence 34, Appl
981	55	5.2	587	6	US-10-449-902-45973	Sequence 45973, A
982	55	5.2	600	6	US-10-449-902-56434	Sequence 5434, A
983	55	5.2	614	6	US-10-953-349-4952	Sequence 4952, Ap
984	55	5.2	619	6	US-10-449-902-38548	Sequence 38548, A
985	55	5.2	627	6	US-10-953-349-11717	Sequence 11717, A

No.	Ver	Score	Num	Identifier	Cnt	Sequence
987	5.2	55	627	US-10-471-571A-4990	6	Sequence 4990, Ap
988	5.2	55	630	US-10-449-902-38646	6	Sequence 38646, A
989	5.2	55	655	US-11-293-697-3501	6	Sequence 3501, Ap
990	5.2	55	666	US-10-953-349-11716	6	Sequence 11716, A
991	5.2	55	675	US-10-449-902-42270	6	Sequence 42270, A
992	5.2	55	717	US-10-953-349-11715	6	Sequence 11715, A
993	5.2	55	718	US-10-953-349-37850	6	Sequence 37850, A
994	5.2	55	738	US-10-953-349-37849	6	Sequence 37849, A
995	5.2	55	765	US-11-317-329-3	6	Sequence 3, Appli
996	5.2	55	765	US-11-317-329-34	7	Sequence 34, Appl
997	5.2	55	765	US-11-317-329-35	7	Sequence 35, Appl
998	5.2	55	765	US-11-317-329-36	7	Sequence 36, Appl
999	5.2	55	765	US-11-317-329-37	7	Sequence 37, Appl
1000	5.2	55	765	US-11-317-329-38	7	Sequence 38, Appl
1001	5.2	55	765	US-11-317-329-39	7	Sequence 39, Appl
1002	5.2	55	765	US-11-317-329-40	7	Sequence 40, Appl
1003	5.2	55	765	US-11-317-329-41	7	Sequence 41, Appl
1004	5.2	55	765	US-11-317-329-42	7	Sequence 42, Appl
1005	5.2	55	765	US-11-317-329-43	7	Sequence 43, Appl
1006	5.2	55	765	US-11-317-329-44	7	Sequence 44, Appl
1007	5.2	55	800	US-10-953-349-37848	6	Sequence 37848, A
1008	5.2	55	821	US-11-248-956-8	7	Sequence 8, Appli
1009	5.2	55	822	US-10-449-902-52198	6	Sequence 52198, A
1010	5.2	55	899	US-10-505-928-823	6	Sequence 823, App
1011	5.2	55	900	US-10-839-442A-22	7	Sequence 22, Appl
1012	5.2	55	963	US-10-449-902-44710	6	Sequence 44710, A
1013	5.2	55	1002	US-10-449-902-56237	6	Sequence 56237, A
1014	5.2	55	1024	US-11-121-154-201	7	Sequence 201, Appl
1015	5.2	55	1172	US-10-449-902-37413	6	Sequence 37413, A
1016	5.2	55	1172	US-10-449-902-53516	6	Sequence 53516, A
1017	5.2	55	1297	US-10-449-902-53640	6	Sequence 53640, A
1018	5.2	55	1865	US-11-247-437-8	6	Sequence 8, Appli
1019	5.1	55	2271	US-10-471-571A-3948	6	Sequence 3948, Ap
1020	5.1	54.5	90	US-10-953-349-39753	6	Sequence 39753, A
1021	5.1	54.5	92	US-09-784-950-87	1	Sequence 87, Appl
1022	5.1	54.5	112	US-11-211-917-104	7	Sequence 104, App
1023	5.1	54.5	112	US-11-211-917-112	7	Sequence 112, App
1024	5.1	54.5	113	US-11-140-450-87	6	Sequence 87, Appl
1025	5.1	54.5	115	US-11-337-300-437	6	Sequence 437, App
1026	5.1	54.5	118	US-10-981-300-54	6	Sequence 54, Appl
1027	5.1	54.5	119	US-11-211-917-18	7	Sequence 18, Appl
1028	5.1	54.5	140	US-11-154-977-141	1	Sequence 141, App
1029	5.1	54.5	147	US-09-784-950-34	7	Sequence 34, Appl
1030	5.1	54.5	167	US-11-154-977-131	6	Sequence 131, App
1031	5.1	54.5	189	US-10-953-349-3423	6	Sequence 3423, Ap
1032	5.1	54.5	196	US-10-449-902-50677	6	Sequence 50677, A
1033	5.1	54.5	213	US-10-953-349-3973	6	Sequence 3973, Ap
1034	5.1	54.5	216	US-10-566-644-30	6	Sequence 30, Appl
1035	5.1	54.5	216	US-10-251-208-339	6	Sequence 339, App
1036	5.1	54.5	233	US-10-449-902-45626	6	Sequence 45626, A
1037	5.1	54.5	246	US-10-539-402-21	6	Sequence 21, Appl
1038	5.1	54.5	248	US-10-449-902-39849	6	Sequence 39849, A
1039	5.1	54.5	256	US-11-337-300-278	6	Sequence 278, App
1040	5.1	54.5	271	US-10-953-349-23075	6	Sequence 23075, A
1041	5.1	54.5	278	US-10-471-571A-2184	6	Sequence 2184, Ap
1042	5.1	54.5	282	US-11-101-316-60	7	Sequence 60, Appl
1043	5.1	54.5	282	US-11-338-537-8	7	Sequence 8, Appli
1044	5.1	54.5	286	US-11-154-103-8	7	Sequence 8, Appli
1045	5.1	54.5	287	US-10-953-349-23074	6	Sequence 23074, A
1046	5.1	54.5	295	US-10-449-902-35878	6	Sequence 35878, A
1047	5.1	54.5	316	US-11-154-977-109	7	Sequence 109, App
1048	5.1	54.5	320	US-11-253-200-24	6	Sequence 24, Appl
1049	5.1	54.5	321	US-11-293-697-3881	6	Sequence 3881, Ap
1050	5.1	54.5	330	US-11-244-678-2	7	Sequence 2, Appli
1051	5.1	54.5	342	US-10-471-571A-1372	6	Sequence 1372, Ap
1052	5.1	54.5	342	US-11-179-064B-4	7	Sequence 4, Appli
1053	5.1	54.5	342	US-11-179-064B-48	7	Sequence 48, Appl
1054	5.1	54.5	343	US-11-154-977-99	7	Sequence 99, Appl
1055	5.1	54.5	365	US-10-449-902-52231	6	Sequence 52231, A
1056	5.1	54.5	368	US-10-953-349-19798	6	Sequence 19798, A
1057	5.1	54.5	368	US-10-953-349-38647	6	Sequence 38647, A
1058	5.1	54.5	369	US-10-953-349-19797	6	Sequence 19797, A
1059	5.1	54.5	369	US-10-953-349-19797	6	Sequence 19797, A
1060	5.1	54.5	393	US-10-449-902-44484	6	Sequence 44484, A
1061	5.1	54.5	400	US-10-953-349-36241	6	Sequence 36241, A
1062	5.1	54.5	416	US-10-449-902-55971	6	Sequence 55971, A
1063	5.1	54.5	418	US-10-953-349-23073	6	Sequence 23073, A
1064	5.1	54.5	425	US-10-449-902-49808	6	Sequence 49808, A
1065	5.1	54.5	436	US-10-449-902-39165	6	Sequence 39165, A
1066	5.1	54.5	443	US-10-981-300-20	7	Sequence 20, Appl
1067	5.1	54.5	451	US-10-174-287-7	7	Sequence 7, Appli
1068	5.1	54.5	452	US-10-449-902-49105	6	Sequence 49105, A
1069	5.1	54.5	455	US-11-121-154-98	7	Sequence 98, Appl
1070	5.1	54.5	471	US-11-293-697-4285	7	Sequence 4285, Ap
1071	5.1	54.5	479	US-10-449-902-41636	6	Sequence 41636, A
1072	5.1	54.5	504	US-10-449-902-36135	6	Sequence 36135, A
1073	5.1	54.5	509	US-10-624-945-8	6	Sequence 8, Appli
1074	5.1	54.5	513	US-10-449-902-31253	6	Sequence 31253, A
1075	5.1	54.5	532	US-10-477-571A-3482	7	Sequence 3482, Ap
1076	5.1	54.5	538	US-11-315-766-32	7	Sequence 3012, Ap
1077	5.1	54.5	607	US-10-449-902-50272	6	Sequence 50272, A
1078	5.1	54.5	607	US-10-449-902-53259	6	Sequence 53259, A
1079	5.1	54.5	618	US-11-199-489A-4	7	Sequence 4, Appli
1080	5.1	54.5	655	US-10-505-928-843	6	Sequence 843, App
1081	5.1	54.5	655	US-10-449-902-54570	6	Sequence 54570, A
1082	5.1	54.5	658	US-10-953-349-36129	6	Sequence 36129, A
1083	5.1	54.5	745	US-11-330-582-1	7	Sequence 1, Appli
1084	5.1	54.5	745	US-11-248-956-16	6	Sequence 16, Appl
1085	5.1	54.5	748	US-10-511-937-3012	6	Sequence 3012, Ap
1086	5.1	54.5	760	US-10-449-902-48595	6	Sequence 48595, A
1087	5.1	54.5	800	US-10-471-571A-4292	6	Sequence 4292, Ap
1088	5.1	54.5	859	US-10-449-902-56164	6	Sequence 56164, A
1089	5.1	54.5	866	US-11-312-797-4	7	Sequence 4, Appli
1090	5.1	54.5	876	US-10-449-902-54049	6	Sequence 54049, A
1091	5.1	54.5	1042	US-11-121-154-176	7	Sequence 176, App
1092	5.1	54.5	1132	US-10-449-902-44976	6	Sequence 44976, A
1093	5.1	54.5	1871	US-10-501-834-26	7	Sequence 26, Appl
1094	5.1	54	100	US-11-239-308-50	6	Sequence 50, Appl
1095	5.1	54	111	US-10-953-349-37341	7	Sequence 37341, A
1096	5.1	54	112	US-11-239-308-18	6	Sequence 18, Appl
1097	5.1	54	117	US-10-953-349-18077	6	Sequence 18077, A
1098	5.1	54	146	US-10-953-349-12132	6	Sequence 12132, A
1099	5.1	54	146	US-10-953-349-18076	6	Sequence 18076, A
1100	5.1	54	147	US-10-449-902-46018	6	Sequence 46018, A
1101	5.1	54	164	US-10-953-349-18075	6	Sequence 18075, A
1102	5.1	54	173	US-10-953-349-14954	6	Sequence 14954, A
1103	5.1	54	215	US-10-953-349-28607	6	Sequence 28607, A
1104	5.1	54	220	US-10-449-902-51981	6	Sequence 51981, A
1105	5.1	54	224	US-10-953-349-14953	6	Sequence 14953, A
1106	5.1	54	225	US-10-953-349-7186	7	Sequence 7186, Ap
1107	5.1	54	227	US-10-953-349-28606	6	Sequence 28606, A
1108	5.1	54	233	US-10-953-349-2055	6	Sequence 2055, Ap
1109	5.1	54	233	US-10-953-349-7185	6	Sequence 7185, Ap
1110	5.1	54	234	US-11-211-917-88	7	Sequence 88, Appl
1111	5.1	54	237	US-10-953-349-28605	6	Sequence 28605, A
1112	5.1	54	237	US-10-471-571A-1088	7	Sequence 1088, Ap
1113	5.1	54	240	US-10-953-349-35320	6	Sequence 35320, A
1114	5.1	54	252	US-10-449-902-29618	7	Sequence 29618, A
1115	5.1	54	252	US-11-174-307B-2862	7	Sequence 2862, Ap
1116	5.1	54	253	US-10-953-349-2054	6	Sequence 2054, Ap
1117	5.1	54	268	US-10-953-349-3013	6	Sequence 3013, Ap
1118	5.1	54	271	US-11-234-731-602	7	Sequence 602, App
1119	5.1	54	275	US-10-953-349-35319	6	Sequence 35319, A
1120	5.1	54	281	US-10-953-349-18402	6	Sequence 18402, A
1121	5.1	54	282	US-10-953-349-36728	6	Sequence 36728, A
1122	5.1	54	292	US-10-449-902-39064	6	Sequence 39064, A
1123	5.1	54	295	US-10-449-902-24853	6	Sequence 24853, A
1124	5.1	54	298	US-10-449-902-54189	6	Sequence 54189, A
1125	5.1	54	299	US-10-953-349-2053	6	Sequence 2053, Ap
1126	5.1	54	303	US-10-449-902-31162	6	Sequence 31162, A
1127	5.1	54	307	US-10-449-902-24852	6	Sequence 24852, A
1128	5.1	54	310	US-11-301-554-1863	7	Sequence 1863, Ap
1129	5.1	54	314	US-10-449-902-45189	6	Sequence 45189, A
1130	5.1	54	315	US-10-953-349-24851	6	Sequence 24851, A
1131	5.1	54	318	US-10-449-902-33074	6	Sequence 33074, A

No.			Len	Reference		Sequence
1136	54	5.1	329	US-10-511-937-3006	6	Sequence 3006, Ap
1137	54	5.1	335	US-10-511-937-2536	6	Sequence 2536, Ap
1138	54	5.1	335	US-10-511-937-2560	6	Sequence 2560, Ap
1139	54	5.1	344	US-10-953-349-18401	6	Sequence 18401, A
1140	54	5.1	356	US-10-471-571A-34784	6	Sequence 34784, A
1141	54	5.1	363	US-10-449-902-31067	6	Sequence 31067, A
1142	54	5.1	367	US-10-953-349-18400	6	Sequence 18400, A
1143	54	5.1	369	US-10-953-349-7986	6	Sequence 7986, Ap
1144	54	5.1	372	US-10-471-571A-4792	6	Sequence 4792, Ap
1145	54	5.1	380	US-10-252-080-10	7	Sequence 10, Appl
1146	54	5.1	380	US-11-293-697-3452	7	Sequence 3452, Ap
1147	54	5.1	381	US-10-449-902-37162	6	Sequence 37162, A
1148	54	5.1	381	US-10-449-902-49880	6	Sequence 49880, A
1149	54	5.1	391	US-11-289-102-238	6	Sequence 238, App
1150	54	5.1	394	US-10-449-902-38018	7	Sequence 38018, A
1151	54	5.1	403	US-10-953-349-34939	6	Sequence 34939, A
1152	54	5.1	406	US-10-953-349-18790	6	Sequence 18790, A
1153	54	5.1	423	US-10-953-349-7067	6	Sequence 7067, Ap
1154	54	5.1	425	US-10-449-902-55101	6	Sequence 55101, A
1155	54	5.1	434	US-10-449-902-35426	6	Sequence 35426, A
1156	54	5.1	438	US-10-449-902-42536	6	Sequence 42536, A
1157	54	5.1	466	US-10-449-902-40474	6	Sequence 40474, A
1158	54	5.1	466	US-10-449-902-51623	6	Sequence 51623, A
1159	54	5.1	467	US-10-449-902-51750	6	Sequence 51750, A
1160	54	5.1	471	US-10-449-902-33349	6	Sequence 33349, A
1161	54	5.1	475	US-10-449-902-49263	6	Sequence 49263, A
1162	54	5.1	485	US-11-174-307B-3800	7	Sequence 3800, Ap
1163	54	5.1	492	US-11-174-307B-5540	7	Sequence 5540, Ap
1164	54	5.1	493	US-10-953-349-7066	6	Sequence 7066, Ap
1165	54	5.1	498	US-10-449-902-44013	6	Sequence 44013, A
1166	54	5.1	501	US-11-217-557-13	7	Sequence 13, Appl
1167	54	5.1	505	US-10-534-593-7	6	Sequence 7, Appli
1168	54	5.1	507	US-11-293-697-3257	7	Sequence 3257, Ap
1169	54	5.1	510	US-10-449-902-46027	6	Sequence 46027, A
1170	54	5.1	516	US-10-449-902-56154	6	Sequence 56154, A
1171	54	5.1	533	US-10-449-902-38187	6	Sequence 38187, A
1172	54	5.1	534	US-10-953-349-7065	6	Sequence 7065, Ap
1173	54	5.1	538	US-10-449-902-55096	6	Sequence 55096, A
1174	54	5.1	539	US-11-174-307B-3686	7	Sequence 3686, Ap
1175	54	5.1	541	US-10-953-349-35842	6	Sequence 35842, A
1176	54	5.1	541	US-10-953-349-18789	6	Sequence 18789, A
1177	54	5.1	552	US-10-953-349-18788	6	Sequence 18788, A
1178	54	5.1	552	US-11-253-453-13	7	Sequence 13, Appl
1179	54	5.1	555	US-11-233-089-12	7	Sequence 12, Appl
1180	54	5.1	562	US-11-233-089-32	7	Sequence 32, Appl
1181	54	5.1	567	US-10-953-349-9774	6	Sequence 9774, Ap
1182	54	5.1	581	US-10-953-349-9773	6	Sequence 9773, Ap
1183	54	5.1	581	US-10-953-349-9772	6	Sequence 9772, Ap
1184	54	5.1	582	US-10-953-349-11584	6	Sequence 11584, A
1185	54	5.1	592	US-10-449-902-55126	6	Sequence 55126, A
1186	54	5.1	604	US-11-293-697-3892	7	Sequence 3892, Ap
1187	54	5.1	617	US-10-449-902-53102	6	Sequence 53102, A
1188	54	5.1	669	US-10-449-902-53623	6	Sequence 53623, A
1189	54	5.1	670	US-10-449-902-43812	6	Sequence 43812, A
1190	54	5.1	677	US-10-471-571A-5394	6	Sequence 5394, Ap
1191	54	5.1	700	US-10-953-349-9789	6	Sequence 9789, Ap
1192	54	5.1	707	US-10-449-902-47132	6	Sequence 47132, A
1193	54	5.1	715	US-10-370-959-140	6	Sequence 140, App
1194	54	5.1	724	US-10-953-349-9788	6	Sequence 9788, Ap
1195	54	5.1	732	US-10-953-349-9787	6	Sequence 9787, Ap
1196	54	5.1	738	US-11-121-154-107	7	Sequence 107, App
1197	54	5.1	777	US-10-449-902-56287	6	Sequence 56287, A
1198	54	5.1	787	US-10-449-902-55645	6	Sequence 55645, A
1199	54	5.1	809	US-10-449-902-52734	6	Sequence 52734, A
1200	54	5.1	834	US-11-293-697-3892	7	Sequence 3892, Ap
1201	54	5.1	837	US-10-449-902-53102	6	Sequence 53102, A
1202	54	5.1	845	US-10-449-902-53623	6	Sequence 53623, A
1203	54	5.1	854	US-10-449-902-43812	6	Sequence 43812, A
1204	54	5.1	878	US-10-449-902-47132	6	Sequence 47132, A
1205	54	5.1	946	US-10-953-349-9788	6	Sequence 9788, Ap
1206	54	5.1	971	US-10-953-349-9787	6	Sequence 9787, Ap

No.			Len	Reference		Sequence
1209	54	5.1	988	US-10-449-902-52988	6	Sequence 52988, A
1210	54	5.1	1084	US-11-121-154-115	7	Sequence 115, App
1211	54	5.1	1227	US-10-449-902-46794	6	Sequence 46794, A
1212	54	5.1	1230	US-10-539-723-2	6	Sequence 2, Appli
1213	54	5.1	1230	US-10-542-516-6	6	Sequence 6, Appli
1214	53.5	5.0	86	US-09-784-950-96	1	Sequence 96, Appl
1215	53.5	5.0	107	US-11-150-871A-217	7	Sequence 217, App
1216	53.5	5.0	112	US-11-239-308-16	7	Sequence 16, Appl
1217	53.5	5.0	112	US-11-211-917-103	7	Sequence 103, App
1218	53.5	5.0	112	US-11-211-917-111	7	Sequence 111, App
1219	53.5	5.0	127	US-11-291-140-16	7	Sequence 16, Appl
1220	53.5	5.0	130	US-11-290-687-42	7	Sequence 42, Appl
1221	53.5	5.0	132	US-10-526-151-14	6	Sequence 14, Appl
1222	53.5	5.0	132	US-10-471-571A-5530	6	Sequence 5530, Ap
1223	53.5	5.0	143	US-09-784-950-32	1	Sequence 32, Appl
1224	53.5	5.0	151	US-11-134-445-16	7	Sequence 16, Appl
1225	53.5	5.0	154	US-11-134-445-2	7	Sequence 2, Appl
1226	53.5	5.0	154	US-11-134-445-21	7	Sequence 21, Appl
1227	53.5	5.0	154	US-11-134-445-23	7	Sequence 23, Appl
1228	53.5	5.0	163	US-10-794-755-8	6	Sequence 8, Appli
1229	53.5	5.0	175	US-10-449-902-33646	6	Sequence 33646, A
1230	53.5	5.0	184	US-11-174-307B-3502	7	Sequence 3502, Ap
1231	53.5	5.0	202	US-09-784-950-31	1	Sequence 31, Appl
1232	53.5	5.0	209	US-10-449-902-32285	6	Sequence 32285, A
1233	53.5	5.0	212	US-11-154-977-61	7	Sequence 61, Appl
1234	53.5	5.0	213	US-11-174-287-6	7	Sequence 6, Appli
1235	53.5	5.0	213	US-11-256-060-16	7	Sequence 16, Appl
1236	53.5	5.0	218	US-10-953-349-26030	6	Sequence 26030, A
1237	53.5	5.0	230	US-10-471-571A-3568	6	Sequence 3568, Ap
1238	53.5	5.0	234	US-10-953-349-33471	6	Sequence 33471, A
1239	53.5	5.0	234	US-11-301-554-1825	7	Sequence 1825, Ap
1240	53.5	5.0	237	US-10-449-902-51503	6	Sequence 51503, A
1241	53.5	5.0	244	US-10-953-349-26029	6	Sequence 26029, A
1242	53.5	5.0	262	US-10-449-902-31380	6	Sequence 31380, A
1243	53.5	5.0	262	US-10-449-902-51444	6	Sequence 51444, A
1244	53.5	5.0	262	US-10-449-902-54914	6	Sequence 54914, A
1245	53.5	5.0	263	US-10-471-571A-1500	7	Sequence 1500, Ap
1246	53.5	5.0	266	US-10-953-349-5741	6	Sequence 5741, Ap
1247	53.5	5.0	269	US-10-449-902-38146	6	Sequence 38146, A
1248	53.5	5.0	270	US-10-449-902-34690	6	Sequence 34690, A
1249	53.5	5.0	281	US-10-505-928-367	6	Sequence 367, Appl
1250	53.5	5.0	281	US-10-524-104-4	6	Sequence 4, Appl
1251	53.5	5.0	302	US-11-254-182-46	7	Sequence 46, Appl
1252	53.5	5.0	311	US-11-181-115-3	7	Sequence 3, Appli
1253	53.5	5.0	320	US-10-471-571A-3480	6	Sequence 3480, A
1254	53.5	5.0	328	US-10-449-902-55680	6	Sequence 55680, A
1255	53.5	5.0	330	US-10-449-902-31972	6	Sequence 31972, A
1256	53.5	5.0	332	US-10-953-349-5740	6	Sequence 5740, Ap
1257	53.5	5.0	338	US-10-953-349-5739	6	Sequence 5739, Ap
1258	53.5	5.0	340	US-10-449-902-45959	6	Sequence 45959, A
1259	53.5	5.0	346	US-10-449-902-37118	6	Sequence 37118, A
1260	53.5	5.0	349	US-10-471-571A-4484	6	Sequence 4484, Ap
1261	53.5	5.0	359	US-10-953-349-33470	6	Sequence 33470, A
1262	53.5	5.0	359	US-10-953-349-26389	6	Sequence 26389, A
1263	53.5	5.0	380	US-11-154-977-29	7	Sequence 29, Appl
1264	53.5	5.0	384	US-11-174-307B-4214	6	Sequence 4214, Ap
1265	53.5	5.0	384	US-10-449-902-29468	6	Sequence 29468, A
1266	53.5	5.0	394	US-10-449-902-31777	6	Sequence 31777, A
1267	53.5	5.0	398	US-10-449-902-31729	6	Sequence 31729, A
1268	53.5	5.0	405	US-10-511-937-2405	6	Sequence 2405, Ap
1269	53.5	5.0	409	US-10-953-349-10080	6	Sequence 10080, A
1270	53.5	5.0	419	US-10-449-902-33373	6	Sequence 33373, A
1271	53.5	5.0	424	US-10-449-902-33875	6	Sequence 33875, A
1272	53.5	5.0	447	US-10-953-349-11341	6	Sequence 11341, A
1273	53.5	5.0	454	US-10-953-349-11340	6	Sequence 11340, A
1274	53.5	5.0	454	US-10-953-349-8293	6	Sequence 8293, Ap
1275	53.5	5.0	460	US-10-953-349-11339	6	Sequence 11339, A
1276	53.5	5.0	461	US-10-953-349-31728	6	Sequence 31728, A
1277	53.5	5.0	463	US-10-449-902-8292	6	Sequence 8292, Ap
1278	53.5	5.0	472	US-10-953-349-31512	6	Sequence 31512, A
1279	53.5	5.0	473	US-11-174-307B-2354	7	Sequence 2354, Ap
1280	53.5	5.0	481	US-10-953-349-8291	6	Sequence 8291, Ap
1281	53.5	5.0		US-10-449-902-52252	6	Sequence 52252, A

Left block:

Index					Patent	Sequence
1282	53.5	5.0	504	6	US-10-449-902-56555	Sequence 56555, A
1283	53.5	5.0	513	6	US-10-953-349-26169	Sequence 26169, A
1284	53.5	5.0	518	6	US-10-953-349-36110	Sequence 36130, A
1285	53.5	5.0	525	6	US-10-449-902-53997	Sequence 53997, A
1286	53.5	5.0	530	7	US-11-315-766-4	Sequence 4, Appli
1287	53.5	5.0	532	6	US-10-505-928-499	Sequence 499, App
1288	53.5	5.0	535	6	US-10-521-319-4	Sequence 4, Appli
1289	53.5	5.0	532	6	US-10-521-319-15	Sequence 15, Appl
1290	53.5	5.0	554	6	US-10-449-902-33269	Sequence 33269, A
1291	53.5	5.0	563	6	US-10-953-349-26168	Sequence 26168, A
1292	53.5	5.0	584	6	US-11-251-208-164	Sequence 164, App
1293	53.5	5.0	585	6	US-10-953-349-6850	Sequence 6850, Ap
1294	53.5	5.0	585	6	US-10-449-902-38506	Sequence 38506, A
1295	53.5	5.0	586	7	US-11-292-951-14	Sequence 14, Appl
1296	53.5	5.0	586	7	US-11-296-657-50	Sequence 50, Appl
1297	53.5	5.0	591	7	US-11-253-200-161	Sequence 161, App
1298	53.5	5.0	603	6	US-10-449-902-53745	Sequence 53745, A
1300	53.5	5.0	618	6	US-10-449-902-34824	Sequence 34824, A
1301	53.5	5.0	621	6	US-10-449-902-48453	Sequence 48453, A
1302	53.5	5.0	621	6	US-10-449-902-55310	Sequence 55310, A
1303	53.5	5.0	655	6	US-10-449-902-43442	Sequence 43442, A
1304	53.5	5.0	657	7	US-11-293-697-4607	Sequence 4607, Ap
1305	53.5	5.0	665	7	US-11-121-154-132	Sequence 132, App
1306	53.5	5.0	666	6	US-10-953-349-6849	Sequence 6849, Ap
1307	53.5	5.0	724	6	US-10-953-349-6848	Sequence 6848, Ap
1308	53.5	5.0	803	6	US-10-449-902-47018	Sequence 47018, A
1309	53.5	5.0	811	6	US-10-449-902-53566	Sequence 53566, A
1310	53.5	5.0	936	6	US-10-449-902-52526	Sequence 52526, A
1311	53.5	5.0	954	6	US-10-449-902-54715	Sequence 54715, A
1312	53.5	5.0	985	7	US-11-293-697-2874	Sequence 2874, Ap
1313	53.5	5.0	1000	6	US-10-449-902-43247	Sequence 43247, A
1314	53.5	5.0	1026	6	US-10-449-902-46108	Sequence 46108, A
1315	53.5	5.0	1060	6	US-10-505-928-729	Sequence 729, Appl
1316	53.5	5.0	1066	6	US-10-370-959-2	Sequence 2, Appli
1317	53.5	5.0	1066	6	US-10-302-678-50	Sequence 50, Appl
1318	53.5	5.0	1094	6	US-10-449-902-41587	Sequence 41587, A
1319	53.5	5.0	1368	7	US-11-283-322-166	Sequence 166, App
1320	53.5	5.0	1628	6	US-10-505-928-100	Sequence 100, App
1321	53.5	5.0	2871	7	US-11-150-871A-176	Sequence 176, App
1322	53		99	7	US-10-484-105-18	Sequence 18, Appl
1323	53		107	6	US-10-953-613C-985	Sequence 985, App
1324	53		108	6	US-11-091-234A-6	Sequence 6, Appli
1325	53		108	6	US-11-281-266-82	Sequence 82, Appl
1326	53		108	6	US-10-981-300-53	Sequence 53, Appl
1327	53		115	7	US-11-154-977-77	Sequence 77, Appl
1328	53		117	6	US-10-449-902-36838	Sequence 36838, A
1329	53		118	6	US-11-211-917-109	Sequence 109, App
1330	53		118	6	US-11-211-917-142	Sequence 142, App
1331	53		118	7	US-11-290-687-59	Sequence 59, Appl
1332	53		119	7	US-10-984-473-19	Sequence 19, Appl
1333	53		126	7	US-11-154-977-5	Sequence 5, Appli
1334	53		144	6	US-10-449-902-48753	Sequence 48753, A
1335	53		146	6	US-11-293-697-4089	Sequence 4089, Ap
1336	53		153	7	US-10-471-571A-1514	Sequence 1514, Ap
1337	53		178	7	US-11-105-233-197	Sequence 197, Appl
1338	53		184	6	US-10-539-402-24	Sequence 24, Appl
1339	53		212	6	US-10-449-902-29957	Sequence 29957, A
1340	53		235	6	US-10-449-902-56367	Sequence 56367, A
1341	53		237	6	US-10-953-349-17534	Sequence 17534, A
1342	53		237	6	US-10-953-349-17533	Sequence 17533, A
1343	53		238	6	US-10-953-349-17532	Sequence 17532, A
1344	53		255	6	US-10-953-349-15775	Sequence 15775, A
1345	53		263	7	US-10-471-571A-3360	Sequence 3360, Ap
1346	53		288	7	US-11-154-977-45	Sequence 45, Appl
1347	53		289	6	US-10-953-349-5973	Sequence 5973, Ap
1348	53		291	6	US-11-293-697-15774	Sequence 15774, A
1349	53		294	6	US-10-953-349-35412	Sequence 35412, A
1350	53		294	6	US-10-953-349-5972	Sequence 5972, Ap
1351	53		294	7	US-11-174-307B-108	Sequence 108, App
1352	53		297	7	US-11-220-888-1	Sequence 1, Appli
1354	53		303	7	US-11-220-888-1	Sequence 108, Appli
1355	53		310	7	US-11-220-888-1	Sequence 1, Appli
1356	53		314	6	US-10-953-349-8030	Sequence 8030, Ap

Right block:

Index					Patent	Sequence
1357	53	5.0	316	6	US-10-449-902-54808	Sequence 54808, A
1358	53	5.0	320	6	US-10-953-349-2126	Sequence 2126, Ap
1359	53	5.0	322	7	US-11-283-522-11	Sequence 11, Appl
1360	53	5.0	323	7	US-11-249-111-109	Sequence 109, Appl
1361	53	5.0	325	7	US-11-283-522-13	Sequence 13, Appl
1362	53	5.0	327	6	US-10-953-349-8029	Sequence 8029, Ap
1363	53	5.0	332	6	US-10-449-902-40024	Sequence 40024, A
1364	53	5.0	342	6	US-10-449-902-39866	Sequence 39866, A
1365	53	5.0	346	6	US-10-505-928-553	Sequence 553, App
1366	53	5.0	346	6	US-10-449-902-51067	Sequence 51067, A
1367	53	5.0	346	7	US-11-259-133-50	Sequence 50, Appl
1368	53	5.0	348	6	US-10-953-349-8028	Sequence 8028, Ap
1369	53	5.0	365	6	US-10-449-902-52946	Sequence 52946, A
1370	53	5.0	369	6	US-10-953-349-10062	Sequence 10062, A
1371	53	5.0	373	6	US-10-953-349-2125	Sequence 2125, Ap
1372	53	5.0	375	6	US-10-953-349-2124	Sequence 2124, Ap
1373	53	5.0	375	7	US-10-471-571A-6	Sequence 6, Appli
1374	53	5.0	375	6	US-10-471-571A-5546	Sequence 5546, Ap
1375	53	5.0	380	7	US-11-220-888-4	Sequence 4, Appli
1376	53	5.0	380	7	US-11-331-993-2	Sequence 2, Appli
1377	53	5.0	380	7	US-11-331-993-4	Sequence 4, Appli
1378	53	5.0	386	6	US-10-449-902-53669	Sequence 53669, A
1379	53	5.0	387	6	US-10-449-902-28601	Sequence 28601, A
1380	53	5.0	390	6	US-10-953-349-22312	Sequence 22312, A
1381	53	5.0	395	6	US-10-449-902-33377	Sequence 33377, A
1382	53	5.0	395	6	US-10-449-902-48310	Sequence 48310, A
1383	53	5.0	397	6	US-10-471-571A-5110	Sequence 5110, Ap
1384	53	5.0	411	6	US-10-953-349-21084	Sequence 21084, A
1385	53	5.0	416	6	US-10-953-349-12272	Sequence 12272, A
1386	53	5.0	422	6	US-10-953-349-5971	Sequence 5971, Ap
1387	53	5.0	422	6	US-10-449-902-48115	Sequence 48115, A
1388	53	5.0	423	6	US-10-953-349-22311	Sequence 22311, A
1389	53	5.0	423	6	US-10-449-902-43160	Sequence 43160, A
1390	53	5.0	425	6	US-10-953-349-21083	Sequence 21083, A
1391	53	5.0	427	6	US-10-953-349-35849	Sequence 35849, A
1392	53	5.0	443	6	US-10-449-902-49884	Sequence 49884, A
1393	53	5.0	451	6	US-10-449-902-50690	Sequence 50690, A
1394	53	5.0	451	6	US-10-449-902-41973	Sequence 41973, A
1396	53	5.0	465	7	US-10-505-928-829	Sequence 829, App
1397	53	5.0	480	6	US-10-953-349-21082	Sequence 21082, A
1398	53	5.0	481	6	US-10-953-349-35848	Sequence 35848, A
1399	53	5.0	488	6	US-10-953-349-22310	Sequence 22310, A
1400	53	5.0	495	6	US-10-449-902-46778	Sequence 46778, A
1401	53	5.0	502	6	US-10-471-571A-2948	Sequence 2948, Ap
1402	53	5.0	505	7	US-11-248-956-4	Sequence 4, Appli
1403	53	5.0	505	7	US-11-293-697-4744	Sequence 4744, Ap
1404	53	5.0	509	6	US-10-953-349-11437	Sequence 11436, A
1405	53	5.0	510	6	US-10-953-349-21352	Sequence 11437, A
1406	53	5.0	515	6	US-10-953-349-21352	Sequence 21352, A
1407	53	5.0	516	6	US-10-953-349-21351	Sequence 21351, A
1408	53	5.0	517	6	US-10-471-571A-3930	Sequence 3930, Ap
1409	53	5.0	521	6	US-10-953-349-21350	Sequence 21350, A
1410	53	5.0	523	6	US-10-449-902-11436	Sequence 11436, A
1411	53	5.0	549	6	US-10-953-349-35847	Sequence 35847, A
1412	53	5.0	553	7	US-11-316-521-43	Sequence 43, Appl
1413	53	5.0	622	6	US-10-449-902-35468	Sequence 35468, A
1414	53	5.0	623	6	US-10-449-902-56221	Sequence 56221, A
1415	53	5.0	646	7	US-11-021-837-58	Sequence 58, Appl
1416	53	5.0	666	7	US-11-293-697-3968	Sequence 3968, Ap
1417	53	5.0	674	7	US-11-293-349-17118	Sequence 17118, A
1418	53	5.0	675	6	US-10-953-349-53054	Sequence 53054, A
1419	53	5.0	693	6	US-10-449-902-55055	Sequence 55055, A
1421	53	5.0	739	6	US-10-449-902-37553	Sequence 37553, A
1422	53	5.0	741	6	US-10-449-902-53293	Sequence 53293, A
1423	53	5.0	746	6	US-10-449-902-47537	Sequence 47537, A
1424	53	5.0	748	6	US-10-449-902-38586	Sequence 38586, A
1425	53	5.0	771	6	US-10-449-902-42840	Sequence 42840, A
1427	53	5.0	792	6	US-10-953-349-8716	Sequence 8716, Ap
1428	53	5.0	793	6	US-10-449-902-55499	Sequence 55499, A
1429	53	5.0	806	6	US-10-953-349-8715	Sequence 8715, Ap
1430	53	5.0	825	6	US-10-953-349-8714	Sequence 8714, Ap
1431	53	5.0	838	6	US-10-511-937-2544	Sequence 2544, Ap
1432	53	5.0	858	6	US-10-449-902-44534	Sequence 44534, A

1433	53	5.0	875	6	US-10-449-902-36399	Sequence 36399, A
1434	53	5.0	876	6	US-10-449-902-31438	Sequence 31438, A
1435	53	5.0	895	7	US-11-293-697-3788	Sequence 3788, Ap
1436	53	5.0	928	6	US-10-449-902-41155	Sequence 41155, A
1437	53	5.0	935	6	US-10-449-902-46779	Sequence 46779, A
1438	53	5.0	936	6	US-10-449-902-56037	Sequence 56037, A
1439	53	5.0	963	7	US-11-223-738-5	Sequence 5, Appl
1440	53	5.0	989	6	US-10-528-563-4	Sequence 4, Appl
1441	53	5.0	1089	7	US-11-248-956-22	Sequence 22, Appl
1442	53	5.0	1116	6	US-10-449-902-50504	Sequence 50504, A
1443	53	5.0	1128	6	US-10-449-902-52156	Sequence 52156, A
1444	53	5.0	1237	7	US-11-293-697-3795	Sequence 3795, Ap
1445	53	5.0	1629	6	US-10-471-571A-3542	Sequence 3542, Ap
1446	53	5.0	1822	6	US-10-505-928-700	Sequence 700, App
1447	53	5.0	1998	7	US-11-348-606-3	Sequence 3, Appl
1448	53	5.0	2478	6	US-10-471-571A-2278	Sequence 2278, Ap
1449	53	5.0	4074	6	US-10-501-834-2	Sequence 2, Appl
1450	52.5	4.9	100	6	US-10-953-349-130	Sequence 130, App
1451	52.5	4.9	117	7	US-11-290-687-41	Sequence 41, Appl
1452	52.5	4.9	130	7	US-11-337-300-319	Sequence 319, App
1453	52.5	4.9	154	7	US-11-134-445-43	Sequence 43, Appl
1454	52.5	4.9	174	6	US-10-953-349-28113	Sequence 28113, A
1455	52.5	4.9	175	7	US-11-293-697-3216	Sequence 3216, Ap
1456	52.5	4.9	176	6	US-10-953-349-28112	Sequence 28112, A
1457	52.5	4.9	182	6	US-10-449-902-55834	Sequence 55834, A
1458	52.5	4.9	202	6	US-10-449-902-30738	Sequence 30738, A
1459	52.5	4.9	202	6	US-10-449-902-43618	Sequence 43618, A
1460	52.5	4.9	202	6	US-10-449-902-50867	Sequence 50867, A
1461	52.5	4.9	210	6	US-10-953-349-28111	Sequence 28111, A
1462	52.5	4.9	212	6	US-10-953-349-8329	Sequence 8329, Ap
1463	52.5	4.9	212	6	US-10-953-349-32088	Sequence 32088, A
1464	52.5	4.9	223	6	US-10-449-902-30204	Sequence 30204, A
1465	52.5	4.9	223	6	US-10-449-902-48542	Sequence 48542, A
1466	52.5	4.9	225	7	US-11-118-112A-221	Sequence 221, App
1467	52.5	4.9	239	6	US-10-449-902-33022	Sequence 33022, A
1468	52.5	4.9	239	6	US-10-449-902-44305	Sequence 44305, A
1469	52.5	4.9	239	7	US-11-211-917-40	Sequence 40, Appl
1470	52.5	4.9	242	6	US-10-953-349-15813	Sequence 15813, A
1471	52.5	4.9	254	6	US-10-953-349-17509	Sequence 17509, A
1472	52.5	4.9	257	6	US-10-953-349-24807	Sequence 24807, A
1473	52.5	4.9	257	6	US-10-449-902-42889	Sequence 42889, A
1474	52.5	4.9	257	6	US-10-449-902-43079	Sequence 43079, A
1475	52.5	4.9	259	6	US-10-953-349-15812	Sequence 15812, A
1476	52.5	4.9	260	7	US-11-337-300-220	Sequence 220, App
1477	52.5	4.9	261	6	US-10-953-349-24806	Sequence 24806, A
1478	52.5	4.9	262	7	US-11-234-731-601	Sequence 601, App
1479	52.5	4.9	268	6	US-10-953-349-8328	Sequence 8328, Ap
1480	52.5	4.9	269	6	US-10-449-902-40684	Sequence 40684, A
1481	52.5	4.9	271	6	US-10-953-349-7397	Sequence 7397, Ap
1482	52.5	4.9	275	7	US-11-234-731-600	Sequence 600, App
1483	52.5	4.9	285	6	US-10-953-349-31392	Sequence 31392, A
1484	52.5	4.9	286	7	US-11-134-228A-27	Sequence 27, Appl
1485	52.5	4.9	290	6	US-10-953-349-17508	Sequence 17508, A
1486	52.5	4.9	295	6	US-10-449-902-45264	Sequence 45264, A
1487	52.5	4.9	302	6	US-10-953-349-7938	Sequence 7938, Ap
1488	52.5	4.9	303	6	US-10-953-349-31391	Sequence 31391, A
1489	52.5	4.9	304	6	US-10-953-349-4029	Sequence 4029, Ap
1490	52.5	4.9	305	6	US-10-449-902-54119	Sequence 54119, A
1491	52.5	4.9	311	6	US-10-953-349-7937	Sequence 7937, Ap
1492	52.5	4.9	313	6	US-10-953-349-8187	Sequence 8187, Ap
1493	52.5	4.9	317	6	US-10-953-349-8368	Sequence 8368, Ap
1494	52.5	4.9	324	6	US-10-953-349-24805	Sequence 24805, A
1495	52.5	4.9	326	6	US-10-953-349-7936	Sequence 7936, Ap
1496	52.5	4.9	326	7	US-11-295-006-7	Sequence 7, Appli
1497	52.5	4.9	328	6	US-10-953-349-21048	Sequence 21048, A
1498	52.5	4.9	328	6	US-10-471-571A-4620	Sequence 4620, Ap
1499	52.5	4.9	329	6	US-10-953-349-7396	Sequence 7396, Ap
1500	52.5	4.9	330	6	US-10-953-349-7395	Sequence 7395, Ap

Search completed: July 10, 2006, 09:34:49
Job time : 26 secs

This Page Blank (uspto)

OM protein - protein search, using sw model

GenCore version 5.1.9
Copyright (c) 1993 - 2006 Bioacceleration Ltd.

Run on: July 5, 2006, 10:22:58 ; Search time 49 Seconds
                        (without alignments)
                 359.054 Million cell updates/sec

Title: US-10-063-549-46_COPY_23_223
Perfect score: 1067
Sequence: 1 SGPVKELVGSVGGAVTFPLK.........NFSSPILARKLCEGAADPD 201

Scoring table: BLOSUM62
                 Gapop 10.0 , Gapext 0.5

Searched: 650591 seqs, 8730628 residues

Total number of hits satisfying chosen parameters: 650591

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :   Issued Patents_AA:*
                 1: /EMC_Celerra_SIDS3/ptcdata/2/iaa/5_COMB.pep:*
                 2: /EMC_Celerra_SIDS3/ptcdata/2/iaa/6_COMB.pep:*
                 3: /EMC_Celerra_SIDS3/ptcdata/2/iaa/7_COMB.pep:*
                 4: /EMC_Celerra_SIDS3/ptcdata/2/iaa/H_COMB.pep:*
                 5: /EMC_Celerra_SIDS3/ptcdata/2/iaa/PCTUS_COMB.pep:*
                 6: /EMC_Celerra_SIDS3/ptcdata/2/iaa/RE_COMB.pep:*
                 7: /EMC_Celerra_SIDS3/ptcdata/2/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	1067	100.0	335	2	US-09-991-181-253	Sequence 253, App
2	1067	100.0	335	2	US-09-990-444-253	Sequence 253, App
3	1067	100.0	335	2	US-09-997-333-253	Sequence 253, App
4	1067	100.0	335	2	US-09-992-598-253	Sequence 253, App
5	1067	100.0	335	2	US-09-989-735-253	Sequence 253, App
6	1067	100.0	335	3	US-09-989-726-253	Sequence 253, App
7	1067	100.0	335	3	US-09-997-514-253	Sequence 253, App
8	1067	100.0	335	3	US-09-989-728-253	Sequence 253, App
9	1067	100.0	335	3	US-09-997-349-253	Sequence 253, App
10	1067	100.0	335	3	US-09-997-653-253	Sequence 253, App
11	1067	100.0	335	3	US-09-989-293A-253	Sequence 253, App
12	383	35.9	97	3	US-09-513-999C-4472	Sequence 4472, Ap
13	280.5	26.3	328	2	US-09-949-016-6428	Sequence 6428, Ap
14	280.5	26.3	329	2	US-09-149-476-483	Sequence 483, App
15	280.5	26.3	332	2	US-09-949-016-7327	Sequence 7327, Ap
16	243	22.8	331	3	US-10-327-413-2	Sequence 2, Appli
17	143.5	13.4	329	1	US-08-348-792-12	Sequence 12, Appl
18	143.5	13.4	329	1	US-08-462-738-12	Sequence 12, Appl
19	143.5	13.4	329	1	US-09-199-955-12	Sequence 12, Appl
20	143.5	13.4	329	2	US-08-880-875-12	Sequence 12, Appl
21	143.5	13.4	343	1	US-08-348-792-10	Sequence 10, Appl
22	143.5	13.4	343	1	US-08-462-738-10	Sequence 10, Appl
23	143.5	13.4	343	2	US-09-199-955-10	Sequence 10, Appl
24	143.5	13.4	343	2	US-08-880-875-10	Sequence 10, Appl
25	142	13.3	298	1	US-08-348-792-4	Sequence 4, Appli
26	142	13.3	298	1	US-08-462-738-4	Sequence 4, Appli
27	142	13.3	298	2	US-09-199-955-4	Sequence 4, Appli
28	142	13.3	298	2	US-08-880-875-4	Sequence 4, Appli
29	142	13.3	305	1	US-08-348-792-6	Sequence 6, Appli
30	142	13.3	305	1	US-08-462-738-6	Sequence 6, Appli
31	142	13.3	305	2	US-09-199-955-6	Sequence 6, Appli
32	142	13.3	305	2	US-08-880-875-6	Sequence 6, Appli
33	142	13.3	307	1	US-08-348-792-8	Sequence 8, Appli
34	142	13.3	307	2	US-08-462-738-8	Sequence 8, Appli
35	142	13.3	307	2	US-09-199-955-8	Sequence 8, Appli
36	142	13.3	307	1	US-08-880-875-8	Sequence 8, Appli
37	142	13.3	335	1	US-08-348-792-2	Sequence 2, Appli
38	142	13.3	335	1	US-08-462-738-2	Sequence 2, Appli
39	142	13.3	335	2	US-09-199-955-2	Sequence 2, Appli
40	142	13.3	335	2	US-08-880-875-2	Sequence 2, Appli
41	142	13.3	335	2	US-09-369-248A-3	Sequence 3, Appli
42	142	13.3	335	3	US-09-949-002-349	Sequence 349, App
43	142	13.3	335	3	US-10-062-523-3	Sequence 3, Appli
44	142	13.3	351	2	US-09-949-002-418	Sequence 418, App
45	127	11.9	142	2	US-09-973-278-252	Sequence 252, App

ALIGNMENTS

RESULT 1
US-09-991-181-253
; Sequence 253, Application US/0991181
; Patent No. 691319
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi,Avi J.
; APPLICANT: Baker,Kevin P.
; APPLICANT: Botstein,David
; APPLICANT: Desnoyers,Luc
; APPLICANT: Eaton,Dan L.
; APPLICANT: Ferrara,Napoleone
; APPLICANT: Fong,Sherman
; APPLICANT: Gerber,Hanspeter
; APPLICANT: Gerritsen,Mary E.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Grimaldi,J.Christopher
; APPLICANT: Gurney,Austin L.
; APPLICANT: Kljavin,Ivar J.
; APPLICANT: Napier,Mary A.
; APPLICANT: Pan,James
; APPLICANT: Paoni,Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C53
; CURRENT APPLICATION NUMBER: US/09/991,181
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322

PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17

PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090678
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090690
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090694
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091478
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091544
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091626
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633

```
;   PRIOR FILING DATE: 1998-07-02
;   PRIOR APPLICATION NUMBER: 60/091978
;   PRIOR FILING DATE: 1998-07-07
;   PRIOR APPLICATION NUMBER: 60/091982
;   PRIOR FILING DATE: 1998-07-07
;   PRIOR APPLICATION NUMBER: 60/092182
;   PRIOR FILING DATE: 1998-07-09

Query Match             100.0%;    Score 1067;  DB 2;  Length 335;
Best Local Similarity   100.0%;    Pred. No. 9.4e-111;
Matches   201;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      23 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 82

Qy      61 FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      83 FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 142

Qy     121 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 180
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     143 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 202

Qy     181 RNFSSPILARKLCEGAADDPD 201
           |||||||||||||||||||||
Db     203 RNFSSPILARKLCEGAADDPD 223


RESULT 2
US-09-990-444-253
;   Sequence 253, Application US/09990444
;   Patent No. 6930170
;   GENERAL INFORMATION:
;   APPLICANT: Ashkenazi,Avi J.
;   APPLICANT: Baker,Kevin P.
;   APPLICANT: Botstein,David
;   APPLICANT: Desnoyers,Luc
;   APPLICANT: Eaton,Dan L.
;   APPLICANT: Ferrara,Napoleone
;   APPLICANT: Fong,Sherman
;   APPLICANT: Gerber,Hanspeter
;   APPLICANT: Gerritsen,Mary E.
;   APPLICANT: Goddard,Audrey
;   APPLICANT: Godowski,Paul J.
;   APPLICANT: Grimaldi,J.Christopher
;   APPLICANT: Gurney,Austin L.
;   APPLICANT: Kljavin,Ivar J.
;   APPLICANT: Napier,Mary A.
;   APPLICANT: Pan,James
;   APPLICANT: Paoni,Nicholas F.
;   APPLICANT: Roy, Margaret Ann
;   APPLICANT: Stewart, Timothy A.
;   APPLICANT: Tumas, Daniel
;   APPLICANT: Watanabe, Colin K.
;   APPLICANT: Williams, P. Mickey
;   APPLICANT: Wood, William I.
;   APPLICANT: Zhang, Zemin
;   TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;   TITLE OF INVENTION: Acids Encoding the Same
;   FILE REFERENCE: P2730P1C19
;   CURRENT APPLICATION NUMBER: US/09/990,444
;   CURRENT FILING DATE: 2001-11-14
;   PRIOR APPLICATION NUMBER: 60/049787
;   PRIOR FILING DATE: 1997-06-16
;   PRIOR APPLICATION NUMBER: 60/062250
;   PRIOR FILING DATE: 1997-10-17
;   PRIOR APPLICATION NUMBER: 60/065186
;   PRIOR FILING DATE: 1997-11-12
;   PRIOR APPLICATION NUMBER: 60/065311
;   PRIOR FILING DATE: 1997-11-13
;   PRIOR APPLICATION NUMBER: 60/066770
;   PRIOR FILING DATE: 1997-11-24
```

```
;   PRIOR APPLICATION NUMBER: 60/075945
;   PRIOR FILING DATE: 1998-02-25
;   PRIOR APPLICATION NUMBER: 60/078910
;   PRIOR FILING DATE: 1998-03-20
;   PRIOR APPLICATION NUMBER: 60/083322
;   PRIOR FILING DATE: 1998-04-28
;   PRIOR APPLICATION NUMBER: 60/084600
;   PRIOR FILING DATE: 1998-05-07
;   PRIOR APPLICATION NUMBER: 60/087106
;   PRIOR FILING DATE: 1998-05-28
;   PRIOR APPLICATION NUMBER: 60/087607
;   PRIOR FILING DATE: 1998-06-02
;   PRIOR APPLICATION NUMBER: 60/087609
;   PRIOR FILING DATE: 1998-06-02
;   PRIOR APPLICATION NUMBER: 60/087759
;   PRIOR FILING DATE: 1998-06-02
;   PRIOR APPLICATION NUMBER: 60/087827
;   PRIOR FILING DATE: 1998-06-03
;   PRIOR APPLICATION NUMBER: 60/088021
;   PRIOR FILING DATE: 1998-06-04
;   PRIOR APPLICATION NUMBER: 60/088025
;   PRIOR FILING DATE: 1998-06-04
;   PRIOR APPLICATION NUMBER: 60/088026
;   PRIOR FILING DATE: 1998-06-04
;   PRIOR APPLICATION NUMBER: 60/088028
;   PRIOR FILING DATE: 1998-06-04
;   PRIOR APPLICATION NUMBER: 60/088029
;   PRIOR FILING DATE: 1998-06-04
;   PRIOR APPLICATION NUMBER: 60/088030
;   PRIOR FILING DATE: 1998-06-04
;   PRIOR APPLICATION NUMBER: 60/088033
;   PRIOR FILING DATE: 1998-06-04
;   PRIOR APPLICATION NUMBER: 60/088326
;   PRIOR FILING DATE: 1998-06-04
;   PRIOR APPLICATION NUMBER: 60/088167
;   PRIOR FILING DATE: 1998-06-05
;   PRIOR APPLICATION NUMBER: 60/088202
;   PRIOR FILING DATE: 1998-06-05
;   PRIOR APPLICATION NUMBER: 60/088212
;   PRIOR FILING DATE: 1998-06-05
;   PRIOR APPLICATION NUMBER: 60/088217
;   PRIOR FILING DATE: 1998-06-05
;   PRIOR APPLICATION NUMBER: 60/088655
;   PRIOR FILING DATE: 1998-06-09
;   PRIOR APPLICATION NUMBER: 60/088734
;   PRIOR FILING DATE: 1998-06-10
;   PRIOR APPLICATION NUMBER: 60/088738
;   PRIOR FILING DATE: 1998-06-10
;   PRIOR APPLICATION NUMBER: 60/088742
;   PRIOR FILING DATE: 1998-06-10
;   PRIOR APPLICATION NUMBER: 60/088810
;   PRIOR FILING DATE: 1998-06-10
;   PRIOR APPLICATION NUMBER: 60/088824
;   PRIOR FILING DATE: 1998-06-10
;   PRIOR APPLICATION NUMBER: 60/088826
;   PRIOR FILING DATE: 1998-06-10
;   PRIOR APPLICATION NUMBER: 60/088858
;   PRIOR FILING DATE: 1998-06-11
;   PRIOR APPLICATION NUMBER: 60/088861
;   PRIOR FILING DATE: 1998-06-11
;   PRIOR APPLICATION NUMBER: 60/088876
;   PRIOR FILING DATE: 1998-06-11
;   PRIOR APPLICATION NUMBER: 60/089105
;   PRIOR FILING DATE: 1998-06-12
;   PRIOR APPLICATION NUMBER: 60/089440
;   PRIOR FILING DATE: 1998-06-16
;   PRIOR APPLICATION NUMBER: 60/089512
;   PRIOR FILING DATE: 1998-06-16
;   PRIOR APPLICATION NUMBER: 60/089514
;   PRIOR FILING DATE: 1998-06-16
;   PRIOR APPLICATION NUMBER: 60/089532
;   PRIOR FILING DATE: 1998-06-17
;   PRIOR APPLICATION NUMBER: 60/089538
```

```
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090678
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090690
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090694
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091478
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091544
PRIOR FILING DATE: 1998-07-01
```

```
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091626
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091633
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091978
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/092182
PRIOR FILING DATE: 1998-07-09

Query Match             100.0%;  Score 1067;  DB 2;  Length 335;
Best Local Similarity   100.0%;  Pred. No. 9.4e-111;
Matches  201;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    1 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 60
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   23 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 82

Qy   61 FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 120
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   83 FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 142

Qy  121 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 180
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  143 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 202

Qy  181 RNFSSPILARKLCEGAADDPD 201
         ||||||||||||||||||||
Db  203 RNFSSPILARKLCEGAADDPD 223

RESULT 3
US-09-997-333-253
; Sequence 253, Application US/09997333
; Patent No. 6953836
; GENERAL INFORMATION:
APPLICANT:  Ashkenazi,Avi J.
APPLICANT:  Baker,Kevin P.
APPLICANT:  Botstein,David
APPLICANT:  Desnoyers,Luc
APPLICANT:  Eaton,Dan L.
APPLICANT:  Ferrara,Napoleone
APPLICANT:  Fong,Sherman
APPLICANT:  Gerber,Hanspeter
APPLICANT:  Gerritsen,Mary E.
APPLICANT:  Goddard,Audrey
APPLICANT:  Godowski,Paul J.
APPLICANT:  Grimaldi,J.Christopher
APPLICANT:  Gurney,Austin L.
APPLICANT:  Kljavin,Ivar J.
APPLICANT:  Napier,Mary A.
APPLICANT:  Pan,James
APPLICANT:  Paoni,Nicholas F.
APPLICANT:  Roy, Margaret Ann
APPLICANT:  Stewart, Timothy A.
APPLICANT:  Tumas, Daniel
APPLICANT:  Watanabe, Colin K.
APPLICANT:  Williams, P. Mickey
APPLICANT:  Wood, William I.
APPLICANT:  Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C27
CURRENT APPLICATION NUMBER: US/09/997,333
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
```

PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16

PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090678
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090690
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090694
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090696
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090862
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360

```
;       PRIOR FILING DATE: 1998-07-01
;       PRIOR APPLICATION NUMBER: 60/091478
;       PRIOR FILING DATE: 1998-07-02
;       PRIOR APPLICATION NUMBER: 60/091544
;       PRIOR FILING DATE: 1998-07-01
;       PRIOR APPLICATION NUMBER: 60/091519
;       PRIOR FILING DATE: 1998-07-02
;       PRIOR APPLICATION NUMBER: 60/091626
;       PRIOR FILING DATE: 1998-07-02
;       PRIOR APPLICATION NUMBER: 60/091633
;       PRIOR FILING DATE: 1998-07-02
;       PRIOR APPLICATION NUMBER: 60/091978
;       PRIOR FILING DATE: 1998-07-07
;       PRIOR APPLICATION NUMBER: 60/091982
;       PRIOR FILING DATE: 1998-07-07
;       PRIOR APPLICATION NUMBER: 60/092182
;       PRIOR FILING DATE: 1998-07-09

;       PRIOR APPLICATION NUMBER: 60/049787
;       PRIOR FILING DATE: 1997-06-16
;       PRIOR APPLICATION NUMBER: 60/062250
;       PRIOR FILING DATE: 1997-10-17
;       PRIOR APPLICATION NUMBER: 60/065186
;       PRIOR FILING DATE: 1997-11-12
;       PRIOR APPLICATION NUMBER: 60/065311
;       PRIOR FILING DATE: 1997-11-13
;       PRIOR APPLICATION NUMBER: 60/066770
;       PRIOR FILING DATE: 1997-11-24
;       PRIOR APPLICATION NUMBER: 60/075945
;       PRIOR FILING DATE: 1998-02-25
;       PRIOR APPLICATION NUMBER: 60/078910
;       PRIOR FILING DATE: 1998-03-20
;       PRIOR APPLICATION NUMBER: 60/083322
;       PRIOR FILING DATE: 1998-04-28
;       PRIOR APPLICATION NUMBER: 60/084600
;       PRIOR FILING DATE: 1998-05-07
;       PRIOR APPLICATION NUMBER: 60/087106
;       PRIOR FILING DATE: 1998-05-28
;       PRIOR APPLICATION NUMBER: 60/087607
;       PRIOR FILING DATE: 1998-06-02
;       PRIOR APPLICATION NUMBER: 60/087609
;       PRIOR FILING DATE: 1998-06-02
;       PRIOR APPLICATION NUMBER: 60/087759
;       PRIOR FILING DATE: 1998-06-02
;       PRIOR APPLICATION NUMBER: 60/087827
;       PRIOR FILING DATE: 1998-06-03
;       PRIOR APPLICATION NUMBER: 60/088021
;       PRIOR FILING DATE: 1998-06-04
;       PRIOR APPLICATION NUMBER: 60/088025
;       PRIOR FILING DATE: 1998-06-04
;       PRIOR APPLICATION NUMBER: 60/088026
;       PRIOR FILING DATE: 1998-06-04
;       PRIOR APPLICATION NUMBER: 60/088028
;       PRIOR FILING DATE: 1998-06-04
;       PRIOR APPLICATION NUMBER: 60/088029
;       PRIOR FILING DATE: 1998-06-04
;       PRIOR APPLICATION NUMBER: 60/088030
;       PRIOR FILING DATE: 1998-06-04
;       PRIOR APPLICATION NUMBER: 60/088033
;       PRIOR FILING DATE: 1998-06-04
;       PRIOR APPLICATION NUMBER: 60/088326
;       PRIOR FILING DATE: 1998-06-04
;       PRIOR APPLICATION NUMBER: 60/088167
;       PRIOR FILING DATE: 1998-06-05
;       PRIOR APPLICATION NUMBER: 60/088202
;       PRIOR FILING DATE: 1998-06-05
;       PRIOR APPLICATION NUMBER: 60/088212
;       PRIOR FILING DATE: 1998-06-05
;       PRIOR APPLICATION NUMBER: 60/088217
;       PRIOR FILING DATE: 1998-06-05
;       PRIOR APPLICATION NUMBER: 60/088655
;       PRIOR FILING DATE: 1998-06-09
;       PRIOR APPLICATION NUMBER: 60/088734
;       PRIOR FILING DATE: 1998-06-10
;       PRIOR APPLICATION NUMBER: 60/088738
;       PRIOR FILING DATE: 1998-06-10
;       PRIOR APPLICATION NUMBER: 60/088742
;       PRIOR FILING DATE: 1998-06-10
;       PRIOR APPLICATION NUMBER: 60/088810
;       PRIOR FILING DATE: 1998-06-10
;       PRIOR APPLICATION NUMBER: 60/088824
;       PRIOR FILING DATE: 1998-06-10
;       PRIOR APPLICATION NUMBER: 60/088826
;       PRIOR FILING DATE: 1998-06-10
;       PRIOR APPLICATION NUMBER: 60/088858
;       PRIOR FILING DATE: 1998-06-11
;       PRIOR APPLICATION NUMBER: 60/088861
;       PRIOR FILING DATE: 1998-06-11
;       PRIOR APPLICATION NUMBER: 60/088876
;       PRIOR FILING DATE: 1998-06-11
;       PRIOR APPLICATION NUMBER: 60/089105
```

```
Query Match          100.0%;   Score 1067; DB 2;  Length 335;
Best Local Similarity   100.0%;   Pred. No. 9.4e-111;
Matches  201;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    1  SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD  60
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   23  SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD  82

Qy   61  FPDGGYSLKLSKLKKNDSGIYYVGIYSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN  120
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   83  FPDGGYSLKLSKLKKNDSGIYYVGIYSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN  142

Qy  121  GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS  180
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  143  GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS  202

Qy  181  RNFSSPILARKLCEGADDPD  201
            ||||||||||||||||||||
Db  203  RNFSSPILARKLCEGADDPD  223
```

```
RESULT 4
US-09-992-598-253
; Sequence 253, Application US/09992598
; Patent No. 6956108
; GENERAL INFORMATION:
;  APPLICANT: Ashkenazi,Avi J.
;  APPLICANT: Baker,Kevin P.
;  APPLICANT: Botstein,David
;  APPLICANT: Desnoyers,Luc
;  APPLICANT: Eaton,Dan L.
;  APPLICANT: Ferrara,Napoleone
;  APPLICANT: Fong,Sherman
;  APPLICANT: Gerber,Hanspeter
;  APPLICANT: Gerritsen,Mary E.
;  APPLICANT: Goddard,Audrey
;  APPLICANT: Godowski,Paul J.
;  APPLICANT: Grimaldi,J.Christopher
;  APPLICANT: Gurney,Austin L.
;  APPLICANT: Kljavin,Ivar J.
;  APPLICANT: Napier,Mary A.
;  APPLICANT: Pan,James
;  APPLICANT: Paoni,Nicholas F.
;  APPLICANT: Roy, Margaret Ann
;  APPLICANT: Stewart, Timothy A.
;  APPLICANT: Tumas, Daniel
;  APPLICANT: Watanabe, Colin K.
;  APPLICANT: Williams, P. Mickey
;  APPLICANT: Wood, William I.
;  APPLICANT: Zhang, Zemin
;  TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;  TITLE OF INVENTION: Acids Encoding the Same
;  FILE REFERENCE: P2730P1C20
;  CURRENT APPLICATION NUMBER: US/09/992,598
;  CURRENT FILING DATE: 2001-11-14
```

; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25

; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

```
Query Match             100.0%;  Score 1067;  DB 2;  Length 335;
Best Local Similarity   100.0%;  Pred. No. 9.4e-111;
Matches  201;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    1 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   23 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 82

Qy   61 FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   83 FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 142

Qy  121 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 180
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  143 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 202

Qy  181 RNFSSPILARKLCEGAADDPD 201
          ||||||||||||||||||||
Db  203 RNFSSPILARKLCEGAADDPD 223
```

RESULT 5
US-09-989-735-253
; Sequence 253, Application US/09989735
; Patent No. 6972185
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi,Avi J.
; APPLICANT: Baker,Kevin P.
; APPLICANT: Botstein,David
; APPLICANT: Desnoyers,Luc
; APPLICANT: Eaton,Dan L.
; APPLICANT: Ferrara,Napoleone
; APPLICANT: Fong,Sherman
; APPLICANT: Gerber,Hanspeter
; APPLICANT: Gerritsen,Mary E.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Grimaldi,J.Christopher
; APPLICANT: Gurney,Austin L.
; APPLICANT: Kljavin,Ivar J.
; APPLICANT: Napier,Mary A.
; APPLICANT: Pan,James
; APPLICANT: Paoni,Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C61
CURRENT APPLICATION NUMBER: US/09/989,735
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION-NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11

PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090535
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090676
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090678
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090690
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090694

```
;    PRIOR FILING DATE: 1998-06-25
;    PRIOR APPLICATION NUMBER: 60/090695
;    PRIOR FILING DATE: 1998-06-25
;    PRIOR APPLICATION NUMBER: 60/090696
;    PRIOR FILING DATE: 1998-06-25
;    PRIOR APPLICATION NUMBER: 60/090862
;    PRIOR FILING DATE: 1998-06-26
;    PRIOR APPLICATION NUMBER: 60/090863
;    PRIOR FILING DATE: 1998-06-26
;    PRIOR APPLICATION NUMBER: 60/091360
;    PRIOR FILING DATE: 1998-07-01
;    PRIOR APPLICATION NUMBER: 60/091478
;    PRIOR FILING DATE: 1998-07-01
;    PRIOR APPLICATION NUMBER: 60/091544
;    PRIOR FILING DATE: 1998-07-02
;    PRIOR APPLICATION NUMBER: 60/091519
;    PRIOR FILING DATE: 1998-07-02
;    PRIOR APPLICATION NUMBER: 60/091626
;    PRIOR FILING DATE: 1998-07-02
;    PRIOR APPLICATION NUMBER: 60/091633
;    PRIOR FILING DATE: 1998-07-02
;    PRIOR APPLICATION NUMBER: 60/091978
;    PRIOR FILING DATE: 1998-07-07
;    PRIOR APPLICATION NUMBER: 60/091982
;    PRIOR FILING DATE: 1998-07-07
;    PRIOR APPLICATION NUMBER: 60/092182
;    PRIOR FILING DATE: 1998-07-09
```

```
Query Match             100.0%;  Score 1067;  DB 2;  Length 335;
Best Local Similarity   100.0%;  Pred. No. 9.4e-111;
Matches 201;  Conservative    0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy          1 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 60
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         23 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 82

Qy         61 FPDGGYSLKLSKLKKNDSGIYYVGIYSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 120
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         83 FPDGGYSLKLSKLKKNDSGIYYVGIYSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 142

Qy        121 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 180
              |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        143 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 202

Qy        181 RNFSSPILARKLCEGAADDPD 201
              |||||||||||||||||||||
Db        203 RNFSSPILARKLCEGAADDPD 223
```

```
RESULT 6
US-09-989-726-253
; Sequence 253, Application US/09989726
; Patent No. 7018811
; GENERAL INFORMATION:
;    APPLICANT: Ashkenazi,Avi J.
;    APPLICANT: Baker,Kevin P.
;    APPLICANT: Botstein,David
;    APPLICANT: Desnoyers,Luc
;    APPLICANT: Eaton,Dan L.
;    APPLICANT: Ferrara,Napoleone
;    APPLICANT: Fong,Sherman
;    APPLICANT: Gerber,Hanspeter
;    APPLICANT: Gerritsen,Mary E.
;    APPLICANT: Goddard,Audrey
;    APPLICANT: Godowski,Paul J.
;    APPLICANT: Grimaldi,J.Christopher
;    APPLICANT: Gurney,Austin L.
;    APPLICANT: Kljavin,Ivar J.
;    APPLICANT: Napier,Mary A.
;    APPLICANT: Pan,James
;    APPLICANT: Paoni,Nicholas F.
;    APPLICANT: Roy,Margaret Ann
;    APPLICANT: Stewart,Timothy A.
;    APPLICANT: Tumas,Daniel
;    APPLICANT: Watanabe,Colin K.
;    APPLICANT: Williams,P. Mickey
;    APPLICANT: Wood,William I.
;    APPLICANT: Zhang,Zemin
;    TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;    TITLE OF INVENTION: Acids Encoding the Same
;    FILE REFERENCE: P2730PIC60
;    CURRENT APPLICATION NUMBER: US/09/989,726
;    CURRENT FILING DATE: 2001-11-19
;    PRIOR APPLICATION NUMBER: 60/049787
;    PRIOR FILING DATE: 1997-06-16
;    PRIOR APPLICATION NUMBER: 60/062250
;    PRIOR FILING DATE: 1997-10-17
;    PRIOR APPLICATION NUMBER: 60/065186
;    PRIOR FILING DATE: 1997-11-13
;    PRIOR APPLICATION NUMBER: 60/066770
;    PRIOR FILING DATE: 1997-11-12
;    PRIOR APPLICATION NUMBER: 60/065311
;    PRIOR FILING DATE: 1997-11-24
;    PRIOR APPLICATION NUMBER: 60/075945
;    PRIOR FILING DATE: 1998-02-25
;    PRIOR APPLICATION NUMBER: 60/078910
;    PRIOR FILING DATE: 1998-03-20
;    PRIOR APPLICATION NUMBER: 60/083322
;    PRIOR FILING DATE: 1998-04-28
;    PRIOR APPLICATION NUMBER: 60/084600
;    PRIOR FILING DATE: 1998-05-07
;    PRIOR APPLICATION NUMBER: 60/087106
;    PRIOR FILING DATE: 1998-05-28
;    PRIOR APPLICATION NUMBER: 60/087607
;    PRIOR FILING DATE: 1998-06-02
;    PRIOR APPLICATION NUMBER: 60/087609
;    PRIOR FILING DATE: 1998-06-02
;    PRIOR APPLICATION NUMBER: 60/087759
;    PRIOR FILING DATE: 1998-06-02
;    PRIOR APPLICATION NUMBER: 60/087827
;    PRIOR FILING DATE: 1998-06-03
;    PRIOR APPLICATION NUMBER: 60/088021
;    PRIOR FILING DATE: 1998-06-04
;    PRIOR APPLICATION NUMBER: 60/088025
;    PRIOR FILING DATE: 1998-06-04
;    PRIOR APPLICATION NUMBER: 60/088026
;    PRIOR FILING DATE: 1998-06-04
;    PRIOR APPLICATION NUMBER: 60/088028
;    PRIOR FILING DATE: 1998-06-04
;    PRIOR APPLICATION NUMBER: 60/088029
;    PRIOR FILING DATE: 1998-06-04
;    PRIOR APPLICATION NUMBER: 60/088030
;    PRIOR FILING DATE: 1998-06-04
;    PRIOR APPLICATION NUMBER: 60/088033
;    PRIOR FILING DATE: 1998-06-04
;    PRIOR APPLICATION NUMBER: 60/088326
;    PRIOR FILING DATE: 1998-06-04
;    PRIOR APPLICATION NUMBER: 60/088167
;    PRIOR FILING DATE: 1998-06-05
;    PRIOR APPLICATION NUMBER: 60/088202
;    PRIOR FILING DATE: 1998-06-05
;    PRIOR APPLICATION NUMBER: 60/088212
;    PRIOR FILING DATE: 1998-06-05
;    PRIOR APPLICATION NUMBER: 60/088217
;    PRIOR FILING DATE: 1998-06-05
;    PRIOR APPLICATION NUMBER: 60/088655
;    PRIOR FILING DATE: 1998-06-09
;    PRIOR APPLICATION NUMBER: 60/088734
;    PRIOR FILING DATE: 1998-06-10
;    PRIOR APPLICATION NUMBER: 60/088738
;    PRIOR FILING DATE: 1998-06-10
;    PRIOR APPLICATION NUMBER: 60/088742
;    PRIOR FILING DATE: 1998-06-10
;    PRIOR APPLICATION NUMBER: 60/088810
;    PRIOR FILING DATE: 1998-06-10
;    PRIOR APPLICATION NUMBER: 60/088824
```

; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088826
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089598
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089600
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089653
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089801
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR FILING DATE: 1998-06-25

; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

```
Query Match             100.0%;  Score 1067;  DB 3;  Length 335;
Best Local Similarity   100.0%;  Pred. No. 9.4e-111;
Matches  201;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    1 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 60
         |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   23 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 82

Qy   61 FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 120
         |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   83 FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 142

Qy  121 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 180
         |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  143 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 202

Qy  181 RNFSSPILARKLCEGAADDPD 201
         ||||||||||||||||||||
Db  203 RNFSSPILARKLCEGAADDPD 223
```

RESULT 7
US-09-997-514-253
; Sequence 253, Application US/09997514
; Patent No. 7019116
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.

```
APPLICANT:  Napier,Mary A.
APPLICANT:  Pan,James
APPLICANT:  Paoni,Nicholas F.
APPLICANT:  Roy, Margaret Ann
APPLICANT:  Stewart, Timothy A.
APPLICANT:  Tumas, Daniel
APPLICANT:  Watanabe, Colin K.
APPLICANT:  Williams, P. Mickey
APPLICANT:  Wood, William I.
APPLICANT:  Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C46
CURRENT APPLICATION NUMBER: US/09/997,514
CURRENT FILING DATE:  2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16          PRIOR APPLICATION NUMBER: 60/088742
PRIOR APPLICATION NUMBER: 60/062250    PRIOR FILING DATE: 1998-06-10
PRIOR FILING DATE: 1997-11-12          PRIOR APPLICATION NUMBER: 60/088810
PRIOR APPLICATION NUMBER: 60/065186    PRIOR FILING DATE: 1998-06-10
PRIOR FILING DATE: 1997-10-17          PRIOR APPLICATION NUMBER: 60/088824
PRIOR APPLICATION NUMBER: 60/065311    PRIOR FILING DATE: 1998-06-10
PRIOR FILING DATE: 1997-11-13          PRIOR APPLICATION NUMBER: 60/088826
PRIOR APPLICATION NUMBER: 60/066770    PRIOR FILING DATE: 1998-06-10
PRIOR FILING DATE: 1997-11-24          PRIOR APPLICATION NUMBER: 60/088858
PRIOR APPLICATION NUMBER: 60/075945    PRIOR FILING DATE: 1998-06-11
PRIOR FILING DATE: 1998-02-25          PRIOR APPLICATION NUMBER: 60/088861
PRIOR APPLICATION NUMBER: 60/078910    PRIOR FILING DATE: 1998-06-11
PRIOR FILING DATE: 1998-03-20          PRIOR APPLICATION NUMBER: 60/088876
PRIOR APPLICATION NUMBER: 60/083322    PRIOR FILING DATE: 1998-06-11
PRIOR FILING DATE: 1998-04-28          PRIOR APPLICATION NUMBER: 60/089105
PRIOR APPLICATION NUMBER: 60/084600    PRIOR FILING DATE: 1998-06-12
PRIOR FILING DATE: 1998-05-07          PRIOR APPLICATION NUMBER: 60/089440
PRIOR APPLICATION NUMBER: 60/087106    PRIOR FILING DATE: 1998-06-16
PRIOR FILING DATE: 1998-05-28          PRIOR APPLICATION NUMBER: 60/089512
PRIOR APPLICATION NUMBER: 60/087607    PRIOR FILING DATE: 1998-06-16
PRIOR FILING DATE: 1998-06-02          PRIOR APPLICATION NUMBER: 60/089514
PRIOR APPLICATION NUMBER: 60/087609    PRIOR FILING DATE: 1998-06-16
PRIOR FILING DATE: 1998-06-02          PRIOR APPLICATION NUMBER: 60/089532
PRIOR APPLICATION NUMBER: 60/087759    PRIOR FILING DATE: 1998-06-17
PRIOR FILING DATE: 1998-06-02          PRIOR APPLICATION NUMBER: 60/089538
PRIOR APPLICATION NUMBER: 60/087827    PRIOR FILING DATE: 1998-06-17
PRIOR FILING DATE: 1998-06-03          PRIOR APPLICATION NUMBER: 60/089598
PRIOR APPLICATION NUMBER: 60/088021    PRIOR FILING DATE: 1998-06-17
PRIOR FILING DATE: 1998-06-04          PRIOR APPLICATION NUMBER: 60/089599
PRIOR APPLICATION NUMBER: 60/088025    PRIOR FILING DATE: 1998-06-17
PRIOR FILING DATE: 1998-06-04          PRIOR APPLICATION NUMBER: 60/089600
PRIOR APPLICATION NUMBER: 60/088026    PRIOR FILING DATE: 1998-06-17
PRIOR FILING DATE: 1998-06-04          PRIOR APPLICATION NUMBER: 60/089653
PRIOR APPLICATION NUMBER: 60/088028    PRIOR FILING DATE: 1998-06-17
PRIOR FILING DATE: 1998-06-04          PRIOR APPLICATION NUMBER: 60/089801
PRIOR APPLICATION NUMBER: 60/088029    PRIOR FILING DATE: 1998-06-17
PRIOR FILING DATE: 1998-06-04          PRIOR APPLICATION NUMBER: 60/089907
PRIOR APPLICATION NUMBER: 60/088030    PRIOR FILING DATE: 1998-06-18
PRIOR FILING DATE: 1998-06-04          PRIOR APPLICATION NUMBER: 60/089908
PRIOR APPLICATION NUMBER: 60/088033    PRIOR FILING DATE: 1998-06-18
PRIOR FILING DATE: 1998-06-04          PRIOR APPLICATION NUMBER: 60/089947
PRIOR APPLICATION NUMBER: 60/088326    PRIOR FILING DATE: 1998-06-18
PRIOR FILING DATE: 1998-06-04          PRIOR APPLICATION NUMBER: 60/089948
PRIOR APPLICATION NUMBER: 60/088167    PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-04          PRIOR APPLICATION NUMBER: 60/089952
PRIOR APPLICATION NUMBER: 60/088202    PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-05          PRIOR APPLICATION NUMBER: 60/090246
PRIOR APPLICATION NUMBER: 60/088212    PRIOR FILING DATE: 1998-06-19
PRIOR FILING DATE: 1998-06-05          PRIOR APPLICATION NUMBER: 60/090252
PRIOR APPLICATION NUMBER: 60/088217    PRIOR FILING DATE: 1998-06-22
PRIOR FILING DATE: 1998-06-05          PRIOR APPLICATION NUMBER: 60/090254
PRIOR APPLICATION NUMBER: 60/088655    PRIOR FILING DATE: 1998-06-22
PRIOR FILING DATE: 1998-06-09          PRIOR APPLICATION NUMBER: 60/090349
PRIOR APPLICATION NUMBER: 60/088734    PRIOR FILING DATE: 1998-06-22
PRIOR FILING DATE: 1998-06-10          PRIOR APPLICATION NUMBER: 60/090355
PRIOR APPLICATION NUMBER: 60/088738    PRIOR FILING DATE: 1998-06-23
PRIOR FILING DATE: 1998-06-10          PRIOR APPLICATION NUMBER: 60/090429
                                       PRIOR FILING DATE: 1998-06-23
                                       PRIOR APPLICATION NUMBER: 60/090431
                                       PRIOR FILING DATE: 1998-06-24
                                       PRIOR APPLICATION NUMBER: 60/090435
                                       PRIOR FILING DATE: 1998-06-24
                                       PRIOR APPLICATION NUMBER: 60/090444
                                       PRIOR FILING DATE: 1998-06-24
                                       PRIOR APPLICATION NUMBER: 60/090445
                                       PRIOR FILING DATE: 1998-06-24
                                       PRIOR APPLICATION NUMBER: 60/090472
                                       PRIOR FILING DATE: 1998-06-24
                                       PRIOR APPLICATION NUMBER: 60/090535
                                       PRIOR FILING DATE: 1998-06-24
                                       PRIOR APPLICATION NUMBER: 60/090540
                                       PRIOR FILING DATE: 1998-06-24
                                       PRIOR APPLICATION NUMBER: 60/090542
```

```
; PRIOR FILING DATE: 1998-06-24                                      ; APPLICANT:  Goddard,Audrey
; PRIOR APPLICATION NUMBER: 60/090557                                ; APPLICANT:  Godowski,Paul J.
; PRIOR FILING DATE: 1998-06-24                                      ; APPLICANT:  Grimaldi,J.Christopher
; PRIOR APPLICATION NUMBER: 60/090676                                ; APPLICANT:  Gurney,Austin L.
; PRIOR FILING DATE: 1998-06-25                                      ; APPLICANT:  Kljavin,Ivar J.
; PRIOR APPLICATION NUMBER: 60/090678                                ; APPLICANT:  Napier,Mary A.
; PRIOR FILING DATE: 1998-06-25                                      ; APPLICANT:  Pan,James
; PRIOR APPLICATION NUMBER: 60/090690                                ; APPLICANT:  Paoni,Nicholas F.
; PRIOR FILING DATE: 1998-06-25                                      ; APPLICANT:  Roy,Margaret Ann
; PRIOR APPLICATION NUMBER: 60/090694                                ; APPLICANT:  Stewart,Timothy A.
; PRIOR FILING DATE: 1998-06-25                                      ; APPLICANT:  Tumas,Daniel
; PRIOR APPLICATION NUMBER: 60/090695                                ; APPLICANT:  Watanabe,Colin K.
; PRIOR FILING DATE: 1998-06-25                                      ; APPLICANT:  Williams,P. Mickey
; PRIOR APPLICATION NUMBER: 60/090696                                ; APPLICANT:  Wood,William I.
; PRIOR FILING DATE: 1998-06-25                                      ; APPLICANT:  Zhang,Zemin
; PRIOR APPLICATION NUMBER: 60/090862                                ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; PRIOR FILING DATE: 1998-06-26                                      ; TITLE OF INVENTION:  Acids Encoding the Same
; PRIOR APPLICATION NUMBER: 60/090863                                ; FILE REFERENCE: P2730PIC72
; PRIOR FILING DATE: 1998-06-26                                      ; CURRENT APPLICATION NUMBER: US/09/989,728
; PRIOR APPLICATION NUMBER: 60/091360                                ; CURRENT FILING DATE:  2001-11-20
; PRIOR FILING DATE: 1998-07-01                                      ; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR APPLICATION NUMBER: 60/091478                                ; PRIOR FILING DATE: 1997-06-16
; PRIOR FILING DATE: 1998-07-02                                      ; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR APPLICATION NUMBER: 60/091544                                ; PRIOR FILING DATE: 1997-10-17
; PRIOR FILING DATE: 1998-07-01                                      ; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR APPLICATION NUMBER: 60/091519                                ; PRIOR FILING DATE: 1997-11-12
; PRIOR FILING DATE: 1998-07-02                                      ; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR APPLICATION NUMBER: 60/091626                                ; PRIOR FILING DATE: 1997-11-13
; PRIOR FILING DATE: 1998-07-02                                      ; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR APPLICATION NUMBER: 60/091633                                ; PRIOR FILING DATE: 1997-11-24
; PRIOR FILING DATE: 1998-07-02                                      ; PRIOR APPLICATION NUMBER: 60/075945
; PRIOR APPLICATION NUMBER: 60/091978                                ; PRIOR FILING DATE: 1998-02-25
; PRIOR FILING DATE: 1998-07-07                                      ; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR APPLICATION NUMBER: 60/091982                                ; PRIOR FILING DATE: 1998-03-20
; PRIOR FILING DATE: 1998-07-07                                      ; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR APPLICATION NUMBER: 60/092182                                ; PRIOR FILING DATE: 1998-04-28
; PRIOR FILING DATE: 1998-07-09                                      ; PRIOR APPLICATION NUMBER: 60/084600
                                                                     ; PRIOR FILING DATE: 1998-05-07
                                                                     ; PRIOR APPLICATION NUMBER: 60/087106
                                                                     ; PRIOR FILING DATE: 1998-05-28
                                                                     ; PRIOR APPLICATION NUMBER: 60/087607
                                                                     ; PRIOR FILING DATE: 1998-06-02
                                                                     ; PRIOR APPLICATION NUMBER: 60/087609
                                                                     ; PRIOR FILING DATE: 1998-06-02
                                                                     ; PRIOR APPLICATION NUMBER: 60/087759
                                                                     ; PRIOR FILING DATE: 1998-06-02
                                                                     ; PRIOR APPLICATION NUMBER: 60/087827
                                                                     ; PRIOR FILING DATE: 1998-06-03
                                                                     ; PRIOR APPLICATION NUMBER: 60/088021
                                                                     ; PRIOR FILING DATE: 1998-06-04
                                                                     ; PRIOR APPLICATION NUMBER: 60/088025
                                                                     ; PRIOR FILING DATE: 1998-06-04
                                                                     ; PRIOR APPLICATION NUMBER: 60/088026
                                                                     ; PRIOR FILING DATE: 1998-06-04
                                                                     ; PRIOR APPLICATION NUMBER: 60/088028
                                                                     ; PRIOR FILING DATE: 1998-06-04
                                                                     ; PRIOR APPLICATION NUMBER: 60/088029
                                                                     ; PRIOR FILING DATE: 1998-06-04
                                                                     ; PRIOR APPLICATION NUMBER: 60/088030
                                                                     ; PRIOR FILING DATE: 1998-06-04
                                                                     ; PRIOR APPLICATION NUMBER: 60/088033
                                                                     ; PRIOR FILING DATE: 1998-06-04
                                                                     ; PRIOR APPLICATION NUMBER: 60/088326
                                                                     ; PRIOR FILING DATE: 1998-06-04
                                                                     ; PRIOR APPLICATION NUMBER: 60/088167
                                                                     ; PRIOR FILING DATE: 1998-06-05
                                                                     ; PRIOR APPLICATION NUMBER: 60/088202
                                                                     ; PRIOR FILING DATE: 1998-06-05
                                                                     ; PRIOR APPLICATION NUMBER: 60/088212
                                                                     ; PRIOR FILING DATE: 1998-06-05
                                                                     ; PRIOR APPLICATION NUMBER: 60/088217
                                                                     ; PRIOR FILING DATE: 1998-06-05
                                                                     ; PRIOR APPLICATION NUMBER: 60/088655
```

```
Query Match            100.0%;   Score 1067; DB 3;   Length 335;
Best Local Similarity  100.0%;   Pred. No. 9.4e-111;
Matches  201;   Conservative    0;   Mismatches   0;   Indels    0;   Gaps    0;

Qy     1  SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD  60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    23  SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD  82

Qy    61  FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN  120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    83  FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN  142

Qy   121  GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS  180
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   143  GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS  202

Qy   181  RNFSSPILARKLCEGAADDPD  201
          |||||||||||||||||||||
Db   203  RNFSSPILARKLCEGAADDPD  223
```

```
RESULT 8
US-09-989-728-253
; Sequence 253, Application US/09989728
; Patent No. 7029873
;  GENERAL INFORMATION:
;  APPLICANT: Ashkenazi,Avi J.
;  APPLICANT:  Baker,Kevin P.
;  APPLICANT:  Botstein,David
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Eaton,Dan L.
;  APPLICANT:  Ferrara,Napoleone
;  APPLICANT:  Fong,Sherman
;  APPLICANT:  Gerber,Hanspeter
;  APPLICANT:  Gerritsen,Mary E.
```

```
; PRIOR FILING DATE: 1998-06-09                    ; PRIOR APPLICATION NUMBER: 60/090535
; PRIOR APPLICATION NUMBER: 60/088734              ; PRIOR FILING DATE: 1998-06-24
; PRIOR FILING DATE: 1998-06-10                    ; PRIOR APPLICATION NUMBER: 60/090540
; PRIOR APPLICATION NUMBER: 60/088738              ; PRIOR FILING DATE: 1998-06-24
; PRIOR FILING DATE: 1998-06-10                    ; PRIOR APPLICATION NUMBER: 60/090542
; PRIOR APPLICATION NUMBER: 60/088742              ; PRIOR FILING DATE: 1998-06-24
; PRIOR FILING DATE: 1998-06-10                    ; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR APPLICATION NUMBER: 60/088810              ; PRIOR FILING DATE: 1998-06-24
; PRIOR FILING DATE: 1998-06-10                    ; PRIOR APPLICATION NUMBER: 60/090676
; PRIOR APPLICATION NUMBER: 60/088824              ; PRIOR FILING DATE: 1998-06-25
; PRIOR FILING DATE: 1998-06-10                    ; PRIOR APPLICATION NUMBER: 60/090678
; PRIOR APPLICATION NUMBER: 60/088826              ; PRIOR FILING DATE: 1998-06-25
; PRIOR FILING DATE: 1998-06-10                    ; PRIOR APPLICATION NUMBER: 60/090690
; PRIOR APPLICATION NUMBER: 60/088858              ; PRIOR FILING DATE: 1998-06-25
; PRIOR FILING DATE: 1998-06-11                    ; PRIOR APPLICATION NUMBER: 60/090694
; PRIOR APPLICATION NUMBER: 60/088861              ; PRIOR FILING DATE: 1998-06-25
; PRIOR FILING DATE: 1998-06-11                    ; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR APPLICATION NUMBER: 60/088876              ; PRIOR FILING DATE: 1998-06-25
; PRIOR FILING DATE: 1998-06-11                    ; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR APPLICATION NUMBER: 60/089105              ; PRIOR FILING DATE: 1998-06-25
; PRIOR FILING DATE: 1998-06-12                    ; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR APPLICATION NUMBER: 60/089440              ; PRIOR FILING DATE: 1998-06-26
; PRIOR FILING DATE: 1998-06-16                    ; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR APPLICATION NUMBER: 60/089512              ; PRIOR FILING DATE: 1998-06-26
; PRIOR FILING DATE: 1998-06-16                    ; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR APPLICATION NUMBER: 60/089514              ; PRIOR FILING DATE: 1998-07-01
; PRIOR FILING DATE: 1998-06-16                    ; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR APPLICATION NUMBER: 60/089532              ; PRIOR FILING DATE: 1998-07-02
; PRIOR FILING DATE: 1998-06-17                    ; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR APPLICATION NUMBER: 60/089538              ; PRIOR FILING DATE: 1998-07-01
; PRIOR FILING DATE: 1998-06-17                    ; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR APPLICATION NUMBER: 60/089598              ; PRIOR FILING DATE: 1998-07-02
; PRIOR FILING DATE: 1998-06-17                    ; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR APPLICATION NUMBER: 60/089599              ; PRIOR FILING DATE: 1998-07-02
; PRIOR FILING DATE: 1998-06-17                    ; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR APPLICATION NUMBER: 60/089600              ; PRIOR FILING DATE: 1998-07-02
; PRIOR FILING DATE: 1998-06-17                    ; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR APPLICATION NUMBER: 60/089653              ; PRIOR FILING DATE: 1998-07-07
; PRIOR FILING DATE: 1998-06-17                    ; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR APPLICATION NUMBER: 60/089901              ; PRIOR FILING DATE: 1998-07-07
; PRIOR FILING DATE: 1998-06-18                    ; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR APPLICATION NUMBER: 60/089907              ; PRIOR FILING DATE: 1998-07-09
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089908
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089948
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/089952
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090246
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090252
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090254
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090355
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090431
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090435
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090444
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
```

```
Query Match             100.0%;  Score 1067;  DB 3;  Length 335;
Best Local Similarity   100.0%;  Pred. No. 9.4e-111,
Matches  201;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    1 SGPVKELVGSVGGAVTFPLKSKVKQVDSIWTFNTTPLVTIQPEGGTIIVTQNRNRERVD  60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   23 SGPVKELVGSVGGAVTFPLKSKVKQVDSIWTFNTTPLVTIQPEGGTIIVTQNRNRERVD  82

Qy   61 FPDGGYSLKLSKLKKNDSGIYVGIYSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKQN 120
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   83 FPDGGYSLKLSKLKKNDSGIYVGIYSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 142

Qy  121 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  143 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 202

Qy  181 RNFSSPILARKJCEGAADDPD 201
        |||||||||||||||||||||
Db  203 RNFSSPILARKJCEGAADDPD 223
```

```
RESULT 9
US-09-997-349-253
; Sequence 253, Application US/09997349
; Patent No. 7034106
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi,Avi J.
; APPLICANT: Baker,Kevin P.
; APPLICANT: Botstein,David
; APPLICANT: Desnoyers,Luc
```

APPLICANT: Eaton,Dan L.
APPLICANT: Ferrara,Napoleone
APPLICANT: Fong,Sherman
APPLICANT: Gerber,Hanspeter
APPLICANT: Gerritsen,Mary E.
APPLICANT: Goddard,Audrey
APPLICANT: Godowski,Paul J.
APPLICANT: Grimaldi,J.Christopher
APPLICANT: Gurney,Austin L.
APPLICANT: Kljavin,Ivar J.
APPLICANT: Napier,Mary A.
APPLICANT: Pan,James
APPLICANT: Paoni,Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C37
CURRENT APPLICATION NUMBER: US/09/997,349
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
PRIOR APPLICATION NUMBER: 60/088021
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088028
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088029
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088030
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088326
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088167
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088202
PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/088212
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088217
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/088655
PRIOR FILING DATE: 1998-06-09
PRIOR APPLICATION NUMBER: 60/088734
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088738
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088742
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088824
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088861
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088876
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089105
PRIOR FILING DATE: 1998-06-12
PRIOR APPLICATION NUMBER: 60/089440
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089512
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089514
PRIOR FILING DATE: 1998-06-16
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090246
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090252
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090254
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/090355
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090431
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090435
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090444

```
;  GENERAL INFORMATION:
;     APPLICANT: Ashkenazi,Avi J.
; »   APPLICANT: Baker,Kevin P.
; »   APPLICANT: Botstein,David
; »   APPLICANT: Desnoyers,Luc
; »   APPLICANT: Eaton,Dan L.
; »   APPLICANT: Ferrara,Napoleone
; »   APPLICANT: Fong,Sherman
; »   APPLICANT: Gerber,Hanspeter
; »   APPLICANT: Gerritsen,Mary E.
; »   APPLICANT: Goddard,Audrey
; »   APPLICANT: Godowski,Paul J.
; »   APPLICANT: Grimaldi,J.Christopher
; »   APPLICANT: Gurney,Austin L.
; »   APPLICANT: Kljavin,Ivar J.
; »   APPLICANT: Napier,Mary A.
; »   APPLICANT: Pan,James
; »   APPLICANT: Paoni,Nicholas F.
; »   APPLICANT: Roy, Margaret Ann
; »   APPLICANT: Stewart, Timothy A.
; »   APPLICANT: Tumas, Daniel
; »   APPLICANT: Watanabe, Colin K.
; »   APPLICANT: Williams, P. Mickey
; »   APPLICANT: Wood, William I.
; »   APPLICANT: Zhang, Zemin
;     TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;     TITLE OF INVENTION:  Acids Encoding the Same
;     FILE REFERENCE: P2730P1C38
;     CURRENT APPLICATION NUMBER: US/09/997,653
;     CURRENT FILING DATE:  2001-11-15
;     PRIOR APPLICATION NUMBER: 60/049787
;     PRIOR FILING DATE: 1997-06-16
;     PRIOR APPLICATION NUMBER: 60/062250
;     PRIOR FILING DATE: 1997-11-12
;     PRIOR APPLICATION NUMBER: 60/065186
;     PRIOR FILING DATE: 1997-10-17
;     PRIOR APPLICATION NUMBER: 60/065311
;     PRIOR FILING DATE: 1997-11-12
;     PRIOR APPLICATION NUMBER: 60/065311
;     PRIOR FILING DATE: 1997-11-13
;     PRIOR APPLICATION NUMBER: 60/066770
;     PRIOR FILING DATE: 1997-11-24
;     PRIOR APPLICATION NUMBER: 60/075945
;     PRIOR FILING DATE: 1998-02-25
;     PRIOR APPLICATION NUMBER: 60/078910
;     PRIOR FILING DATE: 1998-03-20
;     PRIOR APPLICATION NUMBER: 60/083322
;     PRIOR FILING DATE: 1998-04-28
;     PRIOR APPLICATION NUMBER: 60/084600
;     PRIOR FILING DATE: 1998-05-07
;     PRIOR APPLICATION NUMBER: 60/087106
;     PRIOR FILING DATE: 1998-05-28
;     PRIOR APPLICATION NUMBER: 60/087607
;     PRIOR FILING DATE: 1998-06-02
;     PRIOR APPLICATION NUMBER: 60/087609
;     PRIOR FILING DATE: 1998-06-02
;     PRIOR APPLICATION NUMBER: 60/087759
;     PRIOR FILING DATE: 1998-06-02
;     PRIOR APPLICATION NUMBER: 60/087827
;     PRIOR FILING DATE: 1998-06-03
;     PRIOR APPLICATION NUMBER: 60/088021
;     PRIOR FILING DATE: 1998-06-04
;     PRIOR APPLICATION NUMBER: 60/088025
;     PRIOR FILING DATE: 1998-06-04
;     PRIOR APPLICATION NUMBER: 60/088026
;     PRIOR FILING DATE: 1998-06-04
;     PRIOR APPLICATION NUMBER: 60/088028
;     PRIOR FILING DATE: 1998-06-04
;     PRIOR APPLICATION NUMBER: 60/088029
;     PRIOR FILING DATE: 1998-06-04
;     PRIOR APPLICATION NUMBER: 60/088030
;     PRIOR FILING DATE: 1998-06-04
;     PRIOR APPLICATION NUMBER: 60/088033
;     PRIOR FILING DATE: 1998-06-04
;     PRIOR APPLICATION NUMBER: 60/088326
```

```
;     PRIOR FILING DATE: 1998-06-24
;     PRIOR APPLICATION NUMBER: 60/090445
;     PRIOR FILING DATE: 1998-06-24
;     PRIOR APPLICATION NUMBER: 60/090472
;     PRIOR FILING DATE: 1998-06-24
;     PRIOR APPLICATION NUMBER: 60/090535
;     PRIOR FILING DATE: 1998-06-24
;     PRIOR APPLICATION NUMBER: 60/090540
;     PRIOR FILING DATE: 1998-06-24
;     PRIOR APPLICATION NUMBER: 60/090542
;     PRIOR FILING DATE: 1998-06-24
;     PRIOR APPLICATION NUMBER: 60/090557
;     PRIOR FILING DATE: 1998-06-24
;     PRIOR APPLICATION NUMBER: 60/090676
;     PRIOR FILING DATE: 1998-06-25
;     PRIOR APPLICATION NUMBER: 60/090678
;     PRIOR FILING DATE: 1998-06-25
;     PRIOR APPLICATION NUMBER: 60/090690
;     PRIOR FILING DATE: 1998-06-25
;     PRIOR APPLICATION NUMBER: 60/090694
;     PRIOR FILING DATE: 1998-06-25
;     PRIOR APPLICATION NUMBER: 60/090695
;     PRIOR FILING DATE: 1998-06-25
;     PRIOR APPLICATION NUMBER: 60/090696
;     PRIOR FILING DATE: 1998-06-25
;     PRIOR APPLICATION NUMBER: 60/090862
;     PRIOR FILING DATE: 1998-06-26
;     PRIOR APPLICATION NUMBER: 60/090863
;     PRIOR FILING DATE: 1998-06-26
;     PRIOR APPLICATION NUMBER: 60/091360
;     PRIOR FILING DATE: 1998-07-01
;     PRIOR APPLICATION NUMBER: 60/091478
;     PRIOR FILING DATE: 1998-07-02
;     PRIOR APPLICATION NUMBER: 60/091519
;     PRIOR FILING DATE: 1998-07-01
;     PRIOR APPLICATION NUMBER: 60/091544
;     PRIOR FILING DATE: 1998-07-02
;     PRIOR APPLICATION NUMBER: 60/091626
;     PRIOR FILING DATE: 1998-07-02
;     PRIOR APPLICATION NUMBER: 60/091633
;     PRIOR FILING DATE: 1998-07-02
;     PRIOR APPLICATION NUMBER: 60/091978
;     PRIOR FILING DATE: 1998-07-07
;     PRIOR APPLICATION NUMBER: 60/091982
;     PRIOR FILING DATE: 1998-07-07
;     PRIOR APPLICATION NUMBER: 60/092182
;     PRIOR FILING DATE: 1998-07-09
```

```
Query Match            100.0%;     Score 1067;  DB 3;  Length 335;
Best Local Similarity  100.0%;     Pred. No. 9.4e-111;
Matches  201;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

Qy      1  SGPVKELVGSVGGAVTFPLKSKVKQVDSIWWTFNTTPLVTIQPEGGTIIVTQNRNRERVD   60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     23  SGPVKELVGSVGGAVTFPLKSKVKQVDSIWWTFNTTPLVTIQPEGGTIIVTQNRNRERVD   82

Qy     61  FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN   120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     83  FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN   142

Qy    121  GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS   180
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    143  GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS   202

Qy    181  RNFSSPILARKLCEGAADDPD   201
           |||||||||||||||||||||
Db    203  RNFSSPILARKLCEGAADDPD   223
```

```
RESULT 10
US-09-997-653-253
; Sequence 253, Application US/09997653
; Patent No. 7034122
```

```
;  PRIOR FILING DATE: 1998-06-04
;  PRIOR APPLICATION NUMBER: 60/088167
;  PRIOR FILING DATE: 1998-06-05
;  PRIOR APPLICATION NUMBER: 60/088202
;  PRIOR FILING DATE: 1998-06-05
;  PRIOR APPLICATION NUMBER: 60/088212
;  PRIOR FILING DATE: 1998-06-05
;  PRIOR APPLICATION NUMBER: 60/088217
;  PRIOR FILING DATE: 1998-06-05
;  PRIOR APPLICATION NUMBER: 60/088655
;  PRIOR FILING DATE: 1998-06-09
;  PRIOR APPLICATION NUMBER: 60/088734
;  PRIOR FILING DATE: 1998-06-10
;  PRIOR APPLICATION NUMBER: 60/088738
;  PRIOR FILING DATE: 1998-06-10
;  PRIOR APPLICATION NUMBER: 60/088742
;  PRIOR FILING DATE: 1998-06-10
;  PRIOR APPLICATION NUMBER: 60/088810
;  PRIOR FILING DATE: 1998-06-10
;  PRIOR APPLICATION NUMBER: 60/088824
;  PRIOR FILING DATE: 1998-06-10
;  PRIOR APPLICATION NUMBER: 60/088826
;  PRIOR FILING DATE: 1998-06-10
;  PRIOR APPLICATION NUMBER: 60/088858
;  PRIOR FILING DATE: 1998-06-11
;  PRIOR APPLICATION NUMBER: 60/088861
;  PRIOR FILING DATE: 1998-06-11
;  PRIOR APPLICATION NUMBER: 60/088876
;  PRIOR FILING DATE: 1998-06-11
;  PRIOR APPLICATION NUMBER: 60/089105
;  PRIOR FILING DATE: 1998-06-12
;  PRIOR APPLICATION NUMBER: 60/089440
;  PRIOR FILING DATE: 1998-06-16
;  PRIOR APPLICATION NUMBER: 60/089512
;  PRIOR FILING DATE: 1998-06-16
;  PRIOR APPLICATION NUMBER: 60/089514
;  PRIOR FILING DATE: 1998-06-16
;  PRIOR APPLICATION NUMBER: 60/089532
;  PRIOR FILING DATE: 1998-06-16
;  PRIOR APPLICATION NUMBER: 60/089538
;  PRIOR FILING DATE: 1998-06-17
;  PRIOR APPLICATION NUMBER: 60/089598
;  PRIOR FILING DATE: 1998-06-17
;  PRIOR APPLICATION NUMBER: 60/089599
;  PRIOR FILING DATE: 1998-06-17
;  PRIOR APPLICATION NUMBER: 60/089600
;  PRIOR FILING DATE: 1998-06-17
;  PRIOR APPLICATION NUMBER: 60/089653
;  PRIOR FILING DATE: 1998-06-17
;  PRIOR APPLICATION NUMBER: 60/089801
;  PRIOR FILING DATE: 1998-06-18
;  PRIOR APPLICATION NUMBER: 60/089907
;  PRIOR FILING DATE: 1998-06-18
;  PRIOR APPLICATION NUMBER: 60/089908
;  PRIOR FILING DATE: 1998-06-18
;  PRIOR APPLICATION NUMBER: 60/089947
;  PRIOR FILING DATE: 1998-06-19
;  PRIOR APPLICATION NUMBER: 60/089948
;  PRIOR FILING DATE: 1998-06-19
;  PRIOR APPLICATION NUMBER: 60/089952
;  PRIOR FILING DATE: 1998-06-19
;  PRIOR APPLICATION NUMBER: 60/090246
;  PRIOR FILING DATE: 1998-06-22
;  PRIOR APPLICATION NUMBER: 60/090252
;  PRIOR FILING DATE: 1998-06-22
;  PRIOR APPLICATION NUMBER: 60/090254
;  PRIOR FILING DATE: 1998-06-22
;  PRIOR APPLICATION NUMBER: 60/090349
;  PRIOR FILING DATE: 1998-06-23
;  PRIOR APPLICATION NUMBER: 60/090355
;  PRIOR FILING DATE: 1998-06-23
;  PRIOR APPLICATION NUMBER: 60/090429
;  PRIOR FILING DATE: 1998-06-24

;  PRIOR APPLICATION NUMBER: 60/090431
;  PRIOR FILING DATE: 1998-06-24
;  PRIOR APPLICATION NUMBER: 60/090435
;  PRIOR FILING DATE: 1998-06-24
;  PRIOR APPLICATION NUMBER: 60/090444
;  PRIOR FILING DATE: 1998-06-24
;  PRIOR APPLICATION NUMBER: 60/090445
;  PRIOR FILING DATE: 1998-06-24
;  PRIOR APPLICATION NUMBER: 60/090472
;  PRIOR FILING DATE: 1998-06-24
;  PRIOR APPLICATION NUMBER: 60/090535
;  PRIOR FILING DATE: 1998-06-24
;  PRIOR APPLICATION NUMBER: 60/090540
;  PRIOR FILING DATE: 1998-06-24
;  PRIOR APPLICATION NUMBER: 60/090542
;  PRIOR FILING DATE: 1998-06-24
;  PRIOR APPLICATION NUMBER: 60/090557
;  PRIOR FILING DATE: 1998-06-24
;  PRIOR APPLICATION NUMBER: 60/090676
;  PRIOR FILING DATE: 1998-06-25
;  PRIOR APPLICATION NUMBER: 60/090678
;  PRIOR FILING DATE: 1998-06-25
;  PRIOR APPLICATION NUMBER: 60/090690
;  PRIOR FILING DATE: 1998-06-25
;  PRIOR APPLICATION NUMBER: 60/090694
;  PRIOR FILING DATE: 1998-06-25
;  PRIOR APPLICATION NUMBER: 60/090695
;  PRIOR FILING DATE: 1998-06-25
;  PRIOR APPLICATION NUMBER: 60/090696
;  PRIOR FILING DATE: 1998-06-25
;  PRIOR APPLICATION NUMBER: 60/090862
;  PRIOR FILING DATE: 1998-06-25
;  PRIOR APPLICATION NUMBER: 60/090863
;  PRIOR FILING DATE: 1998-06-26
;  PRIOR APPLICATION NUMBER: 60/091360
;  PRIOR FILING DATE: 1998-06-26
;  PRIOR APPLICATION NUMBER: 60/091478
;  PRIOR FILING DATE: 1998-07-01
;  PRIOR APPLICATION NUMBER: 60/091544
;  PRIOR FILING DATE: 1998-07-02
;  PRIOR APPLICATION NUMBER: 60/091519
;  PRIOR FILING DATE: 1998-07-01
;  PRIOR APPLICATION NUMBER: 60/091626
;  PRIOR FILING DATE: 1998-07-02
;  PRIOR APPLICATION NUMBER: 60/091633
;  PRIOR FILING DATE: 1998-07-02
;  PRIOR APPLICATION NUMBER: 60/091978
;  PRIOR FILING DATE: 1998-07-02
;  PRIOR APPLICATION NUMBER: 60/091982
;  PRIOR FILING DATE: 1998-07-07
;  PRIOR APPLICATION NUMBER: 60/092182
;  PRIOR FILING DATE: 1998-07-09
```

```
Query Match             100.0%;    Score 1067;   DB 3;   Length 335;
Best Local Similarity   100.0%;    Pred. No. 9.4e-111;
Matches  201;  Conservative    0;  Mismatches    0;  Indels   0;  Gaps   0;

Qy    1 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 60
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   23 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 82

Qy   61 FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 120
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   83 FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 142

Qy  121 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 180
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  143 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 202

Qy  181 RNFSSPILARKLCEGAADDPD 201
         |||||||||||||||||||||
Db  203 RNFSSPILARKLCEGAADDPD 223
```

RESULT 11
US-09-989-293A-253
; Sequence 253, Application US/09989293A
; Patent No. 7034136
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi,Avi J.
; APPLICANT: Baker,Kevin P.
; APPLICANT: Botstein,David
; APPLICANT: Desnoyers,Luc
; APPLICANT: Eaton,Dan L.
; APPLICANT: Ferrara,Napoleone
; APPLICANT: Fong,Sherman
; APPLICANT: Gerber,Hanspeter
; APPLICANT: Gerritsen,Mary E.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Grimaldi,J.Christopher
; APPLICANT: Gurney,Austin L.
; APPLICANT: Kljavin,Ivar J.
; APPLICANT: Napier,Mary A.
; APPLICANT: Pan,James
; APPLICANT: Paoni,Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C66
; CURRENT APPLICATION NUMBER: US/09/989,293A
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/049787   ; PRIOR APPLICATION NUMBER: 60/088030   ; PRIOR FILING DATE: 1998-06-04
; PRIOR FILING DATE: 1997-06-16   ; PRIOR APPLICATION NUMBER: 60/088033   ; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/062250   ; PRIOR APPLICATION NUMBER: 60/088326   ; PRIOR FILING DATE: 1998-06-04
; PRIOR FILING DATE: 1997-10-17   ; PRIOR APPLICATION NUMBER: 60/088167   ; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/065186   ; PRIOR APPLICATION NUMBER: 60/088202   ; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1997-11-12   ; PRIOR APPLICATION NUMBER: 60/088212   ; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/065311   ; PRIOR APPLICATION NUMBER: 60/088217   ; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1997-11-24   ; PRIOR APPLICATION NUMBER: 60/088655   ; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/066770   ; PRIOR APPLICATION NUMBER: 60/088734   ; PRIOR FILING DATE: 1998-06-09
; PRIOR FILING DATE: 1997-11-13   ; PRIOR APPLICATION NUMBER: 60/088738   ; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/075945   ; PRIOR APPLICATION NUMBER: 60/088742   ; PRIOR FILING DATE: 1998-06-10
; PRIOR FILING DATE: 1998-02-25   ; PRIOR APPLICATION NUMBER: 60/088810   ; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/078910   ; PRIOR APPLICATION NUMBER: 60/088824   ; PRIOR FILING DATE: 1998-06-10
; PRIOR FILING DATE: 1998-03-20   ; PRIOR APPLICATION NUMBER: 60/088826   ; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/083322   ; PRIOR APPLICATION NUMBER: 60/088858   ; PRIOR FILING DATE: 1998-06-10
; PRIOR FILING DATE: 1998-04-28   ; PRIOR APPLICATION NUMBER: 60/088861   ; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/084600   ; PRIOR APPLICATION NUMBER: 60/088876   ; PRIOR FILING DATE: 1998-06-11
; PRIOR FILING DATE: 1998-05-07   ; PRIOR APPLICATION NUMBER: 60/089105   ; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/087106   ; PRIOR APPLICATION NUMBER: 60/089440   ; PRIOR FILING DATE: 1998-06-12
; PRIOR FILING DATE: 1998-05-28   ; PRIOR APPLICATION NUMBER: 60/089512   ; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/087607   ; PRIOR APPLICATION NUMBER: 60/089514   ; PRIOR FILING DATE: 1998-06-16
; PRIOR FILING DATE: 1998-06-02   ; PRIOR APPLICATION NUMBER: 60/089532   ; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/087609   ; PRIOR APPLICATION NUMBER: 60/089538   ; PRIOR FILING DATE: 1998-06-17
; PRIOR FILING DATE: 1998-06-02   ; PRIOR APPLICATION NUMBER: 60/089598   ; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/087759   ; PRIOR APPLICATION NUMBER: 60/089599   ; PRIOR FILING DATE: 1998-06-17
; PRIOR FILING DATE: 1998-06-02   ; PRIOR APPLICATION NUMBER: 60/089600   ; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/087827   ; PRIOR APPLICATION NUMBER: 60/089653   ; PRIOR FILING DATE: 1998-06-17
; PRIOR FILING DATE: 1998-06-03   ; PRIOR APPLICATION NUMBER: 60/089801   ; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/088021   ; PRIOR APPLICATION NUMBER: 60/089907   ; PRIOR FILING DATE: 1998-06-18
; PRIOR FILING DATE: 1998-06-04   ; PRIOR APPLICATION NUMBER: 60/089908   ; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/088025   ; PRIOR APPLICATION NUMBER: 60/089947   ; PRIOR FILING DATE: 1998-06-18
; PRIOR FILING DATE: 1998-06-04   ; PRIOR APPLICATION NUMBER: 60/089948   ; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/088026   ; PRIOR APPLICATION NUMBER: 60/089952   ; PRIOR FILING DATE: 1998-06-19
; PRIOR FILING DATE: 1998-06-04   ; PRIOR APPLICATION NUMBER: 60/090246   ; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/088028   ; PRIOR APPLICATION NUMBER: 60/090252   ; PRIOR FILING DATE: 1998-06-22
; PRIOR FILING DATE: 1998-06-04   ; PRIOR APPLICATION NUMBER: 60/090254   ; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/088029   ; PRIOR APPLICATION NUMBER: 60/090349   ; PRIOR FILING DATE: 1998-06-22
; PRIOR FILING DATE: 1998-06-04

```
,    PRIOR FILING DATE: 1998-06-23
,    PRIOR APPLICATION NUMBER: 60/090355
,    PRIOR FILING DATE: 1998-06-23
,    PRIOR APPLICATION NUMBER: 60/090429
,    PRIOR FILING DATE: 1998-06-24
,    PRIOR APPLICATION NUMBER: 60/090431
,    PRIOR FILING DATE: 1998-06-24
,    PRIOR APPLICATION NUMBER: 60/090435
,    PRIOR FILING DATE: 1998-06-24
,    PRIOR APPLICATION NUMBER: 60/090444
,    PRIOR FILING DATE: 1998-06-24
,    PRIOR APPLICATION NUMBER: 60/090445
,    PRIOR FILING DATE: 1998-06-24
,    PRIOR APPLICATION NUMBER: 60/090472
,    PRIOR FILING DATE: 1998-06-24
,    PRIOR APPLICATION NUMBER: 60/090535
,    PRIOR FILING DATE: 1998-06-24
,    PRIOR APPLICATION NUMBER: 60/090540
,    PRIOR FILING DATE: 1998-06-24
,    PRIOR APPLICATION NUMBER: 60/090542
,    PRIOR FILING DATE: 1998-06-24
,    PRIOR APPLICATION NUMBER: 60/090557
,    PRIOR FILING DATE: 1998-06-24
,    PRIOR APPLICATION NUMBER: 60/090676
,    PRIOR FILING DATE: 1998-06-25
,    PRIOR APPLICATION NUMBER: 60/090678
,    PRIOR FILING DATE: 1998-06-25
,    PRIOR APPLICATION NUMBER: 60/090690
,    PRIOR FILING DATE: 1998-06-25
,    PRIOR APPLICATION NUMBER: 60/090694
,    PRIOR FILING DATE: 1998-06-25
,    PRIOR APPLICATION NUMBER: 60/090695
,    PRIOR FILING DATE: 1998-06-25
,    PRIOR APPLICATION NUMBER: 60/090696
,    PRIOR FILING DATE: 1998-06-25
,    PRIOR APPLICATION NUMBER: 60/090862
,    PRIOR FILING DATE: 1998-06-26
,    PRIOR APPLICATION NUMBER: 60/090863
,    PRIOR FILING DATE: 1998-06-26
,    PRIOR APPLICATION NUMBER: 60/091360
,    PRIOR FILING DATE: 1998-07-01
,    PRIOR APPLICATION NUMBER: 60/091478
,    PRIOR FILING DATE: 1998-07-02
,    PRIOR APPLICATION NUMBER: 60/091544
,    PRIOR FILING DATE: 1998-07-01
,    PRIOR APPLICATION NUMBER: 60/091519
,    PRIOR FILING DATE: 1998-07-02
,    PRIOR APPLICATION NUMBER: 60/091626
,    PRIOR FILING DATE: 1998-07-02
,    PRIOR APPLICATION NUMBER: 60/091633
,    PRIOR FILING DATE: 1998-07-02
,    PRIOR APPLICATION NUMBER: 60/091978
,    PRIOR FILING DATE: 1998-07-07
,    PRIOR APPLICATION NUMBER: 60/091982
,    PRIOR FILING DATE: 1998-07-07
,    PRIOR APPLICATION NUMBER: 60/092182
,    PRIOR FILING DATE: 1998-07-09
```

```
Query Match         100.0%;    Score 1067;    DB 3;    Length 335;
Best Local Similarity 100.0%;    Pred. No. 9.4e-111;
Matches  201;    Conservative    0;    Mismatches    0;    Indels    0;    Gaps    0;

Qy     1  SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    23  SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 82

Qy    61  FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    83  FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKN 142

Qy   121  GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 180
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   143  GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 202
```

```
Qy   181  RNFSSPILARKLCEGAADDPD 201
          ||||||||||||||||||||
Db   203  RNFSSPILARKLCEGAADDPD 223
```

```
RESULT 12
US-09-513-999C-4472
;    Sequence 4472, Application US/09513999C
;    Patent No. 6783961
;    GENERAL INFORMATION:
;    APPLICANT: Dumas Milne Edwards, J.B.
;    APPLICANT: Duclert, A.
;    APPLICANT: Giordano, J.Y.
;    TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
;    Patent No. 6783961
;    FILE REFERENCE: 59.US2.REG
;    CURRENT APPLICATION NUMBER: US/09/513,999C
;    CURRENT FILING DATE: 2000-02-24
;    PRIOR APPLICATION NUMBER: US 60/122,487
;    PRIOR FILING DATE: 1999-02-26
;    NUMBER OF SEQ ID NOS: 36681
;    SOFTWARE: Patent.pm
;    SEQ ID NO 4472
;    LENGTH: 97
;    TYPE: PRT
;    ORGANISM: Homo sapiens
;    FEATURE:
;    NAME/KEY: SIGNAL
;    LOCATION: -22..-1
;    OTHER INFORMATION: score 5.9
;    OTHER INFORMATION: seq LIYILWQLTGSAA/SG
US-09-513-999C-4472

Query Match            35.9%;    Score 383;    DB 2;    Length 97;
Best Local Similarity 100.0%;    Pred. No. 5.5e-35;
Matches   75;    Conservative    0;    Mismatches    0;    Indels    0;    Gaps    0;

Qy     1  SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    23  SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 82

Qy    61  FPDGGYSLKLSKLKK 75
          |||||||||||||||
Db    83  FPDGGYSLKLSKLKK 97
```

```
RESULT 13
US-09-949-016-6428
;    Sequence 6428, Application US/09949016
;    Patent No. 6812339
;    GENERAL INFORMATION:
;    APPLICANT: VENTER, J. Craig et al.
;    TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
;    TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
;    FILE REFERENCE: CL001307
;    CURRENT APPLICATION NUMBER: US/09/949,016
;    CURRENT FILING DATE: 2000-04-14
;    PRIOR APPLICATION NUMBER: 60/241,755
;    PRIOR FILING DATE: 2000-10-20
;    PRIOR APPLICATION NUMBER: 60/237,768
;    PRIOR FILING DATE: 2000-10-03
;    PRIOR APPLICATION NUMBER: 60/231,498
;    PRIOR FILING DATE: 2000-09-08
;    NUMBER OF SEQ ID NOS: 207012
;    SOFTWARE: FastSEQ for Windows Version 4.0
;    SEQ ID NO 6428
;    LENGTH: 328
;    TYPE: PRT
;    ORGANISM: Human
US-09-949-016-6428

Query Match            26.3%;    Score 280.5;    DB 2;    Length 328;
```

```
Best Local Similarity   34.2%;  Pred. No. 1.1e-22;
Matches   66;  Conservative   33;  Mismatches   83;  Indels   11;  Gaps    4;

Qy      9 GSVGGAVTFPLK-SKVKQVDSIVWTFNTTPLVTIQPEGGT---IIVTQNRNRERVDFPDG   64
          : :.||:.|  :  : |:   |.| |              :   | | ||
Db     31 GILGESVTFPVNIQEPRQVKIIAWTSKTSVAVTPGDSETAPVVTVTHRNYYERIIHALGP   90

Qy     65 GYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKQNGTCV  124
          : :.|.:.|:.| :.||       |::|   |::|| |  :|||||  :
Db     91 NYNLVISDLRMEDAGDYKADINTQADPYTTKRYNLQIYRRLGKPKITQSLMASVNSTCN  150

Qy    125 TNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVSRNFS  184
          .||.|   |.|:| | ||  |.|||       ||:.   |::|||||  :  .|||||| |
Db    151 VTLTCSVEKEKNVTVNWSPLGE------EGNVLQIFQTPEDQELIYTCTAQNPVSNN-S  203

Qy    185 SPILARKLCEGAA  197
          |::.||:|| :.|
Db    204 DSISARQLCADIA  216
```

RESULT 14
US-09-149-476-483
; Sequence 483, Application US/09149476
; Patent No. 6420526
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: PZ002P1
; CURRENT APPLICATION NUMBER: US/09/149,476
; CURRENT FILING DATE: 1998-09-08
; EARLIER APPLICATION NUMBER: PCT/US98/04493
; EARLIER FILING DATE: 1998-03-06
; EARLIER APPLICATION NUMBER: 60/040,162
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,333
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/038,621
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,626
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,334
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,163
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/040,336
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: 60/047,600
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,597
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,502
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,633
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,618
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,583
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,503
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,617
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,592
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,581
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,584
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,500
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,587
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,492
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,598
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,613
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,582
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,596
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,612
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/047,632
; EARLIER FILING DATE: 1997-05-23
; EARLIER APPLICATION NUMBER: 60/043,580
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,568
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,314
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,569
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,311
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,671
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,674
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,669
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,312
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,313
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,672
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/043,315
; EARLIER FILING DATE: 1997-04-11
; EARLIER APPLICATION NUMBER: 60/048,974
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 60/056,886
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,877
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,889
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,893
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,630
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,878
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,882
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,662
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,637
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,872
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,903
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,888
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,879
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,880
; EARLIER FILING DATE: 1997-08-22
; EARLIER APPLICATION NUMBER: 60/056,894
; EARLIER FILING DATE: 1997-08-22

```
;   EARLIER FILING DATE: 1997-06-13
;   EARLIER APPLICATION NUMBER: 60/061,060
;   EARLIER FILING DATE: 1997-10-02

Query Match            26.3%;  Score 280.5;  DB 2;  Length 329;
Best Local Similarity   34.2%;     Pred. No. 1.1e-22;
Matches   66;  Conservative  33;  Mismatches  83;  Indels  11;  Gaps   4;

Qy      9 GSVGGAVTFPLK-SKVKQVDSIWTFNTTPLVTIQPEGGT---IIVTQNRNRERVDFPDG 64
           :|:|||:|: ||  |: ||   ||| :|   :|:     ||  :||   ||||
Db     31 GILGESVTFPVNIQEPRQVKIIAWTSKTSVAVTPGDSETAPVVTVTHRNYYERIHALGP 90

Qy     65 GYSLKLSKLKKNDSGIYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKNGTCV 124
           |:|:||| |:|: |:|| |:||    ||| |||   |||:||||||||||||:|| ||:|
Db     91 NYNLVISDLRMEDAGDYKADINTQADPYTTKRYNLQIYRRLGKPKITQSLMASVNSTCN 150

Qy    125 TNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVSRNFS 184
           |||||  ||| |: ||:|| :|   |:  ::|  :|:|:|:    :|:||:|:: |:
Db    151 VTLTCSVEKEKNVTYNWSPLGE------EGNVLQIFQTPEDQELTYTCTAQNPVSNN-S 203

Qy    185 SPILARKLCEGAA 197
           ||||||:|||
Db    204 DSISARQLCADIA 216

RESULT 15
US-09-949-016-7327
; Sequence 7327, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
;  APPLICANT: VENTER, J. Craig et al.
;  TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
;  TITLE OF INVENTION:  WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
;  FILE REFERENCE: CL001307
;  CURRENT APPLICATION NUMBER: US/09/949,016
;  CURRENT FILING DATE: 2000-04-14
;  PRIOR APPLICATION NUMBER: 60/241,755
;  PRIOR FILING DATE: 2000-10-20
;  PRIOR APPLICATION NUMBER: 60/237,768
;  PRIOR FILING DATE: 2000-10-03
;  PRIOR APPLICATION NUMBER: 60/231,498
;  PRIOR FILING DATE: 2000-09-08
;  NUMBER OF SEQ ID NOS: 207012
;  SOFTWARE: FastSEQ for Windows Version 4.0
;  SEQ ID NO 7327
;  LENGTH: 332
;  TYPE: PRT
;  ORGANISM: Human
US-09-949-016-7327

Query Match            26.3%;  Score 280.5;  DB 2;  Length 332;
Best Local Similarity   34.2%;     Pred. No. 1.1e-22;
Matches   66;  Conservative  33;  Mismatches  83;  Indels  11;  Gaps   4;

Qy      9 GSVGGAVTFPLK-SKVKQVDSIWTFNTTPLVTIQPEGGT---IIVTQNRNRERVDFPDG 64
           :|:|||:|: ||  |: ||   ||| :|   :|:     ||  :||   ||||
Db     35 GILGESVTFPVNIQEPRQVKIIAWTSKTSVAVTPGDSETAPVVTVTHRNYYERIHALGP 94

Qy     65 GYSLKLSKLKKNDSGIYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKNGTCV 124
           |:|:||| |:|: |:|| |:||    ||| |||   |||:||||||||||||:|| ||:|
Db     95 NYNLVISDLRMEDAGDYKADINTQADPYTTKRYNLQIYRRLGKPKITQSLMASVNSTCN 154

Qy    125 TNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVSRNFS 184
           |||||  ||| |: ||:|| :|   |:  ::|  :|:|:|:    :|:||:|:: |:
Db    155 VTLTCSVEKEKNVTYNWSPLGE------EGNVLQIFQTPEDQELTYTCTAQNPVSNN-S 207

Qy    185 SPILARKLCEGAA 197
           ||||||:|||
Db    208 DSISARQLCADIA 220

Search completed: July  5, 2006, 10:24:22
Job time : 50 secs
```

```
;   EARLIER APPLICATION NUMBER: 60/056,911
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,636
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,874
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,910
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,864
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,631
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,845
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,892
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/057,761
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/047,595
;   EARLIER FILING DATE: 1997-05-23
;   EARLIER APPLICATION NUMBER: 60/047,599
;   EARLIER FILING DATE: 1997-05-23
;   EARLIER APPLICATION NUMBER: 60/047,588
;   EARLIER FILING DATE: 1997-05-23
;   EARLIER APPLICATION NUMBER: 60/047,585
;   EARLIER FILING DATE: 1997-05-23
;   EARLIER APPLICATION NUMBER: 60/047,586
;   EARLIER FILING DATE: 1997-05-23
;   EARLIER APPLICATION NUMBER: 60/047,590
;   EARLIER FILING DATE: 1997-05-23
;   EARLIER APPLICATION NUMBER: 60/047,594
;   EARLIER FILING DATE: 1997-05-23
;   EARLIER APPLICATION NUMBER: 60/047,589
;   EARLIER FILING DATE: 1997-05-23
;   EARLIER APPLICATION NUMBER: 60/047,593
;   EARLIER FILING DATE: 1997-05-23
;   EARLIER APPLICATION NUMBER: 60/047,614
;   EARLIER FILING DATE: 1997-05-23
;   EARLIER APPLICATION NUMBER: 60/043,578
;   EARLIER FILING DATE: 1997-04-11
;   EARLIER APPLICATION NUMBER: 60/043,576
;   EARLIER FILING DATE: 1997-04-11
;   EARLIER APPLICATION NUMBER: 60/047,501
;   EARLIER FILING DATE: 1997-05-23
;   EARLIER APPLICATION NUMBER: 60/043,670
;   EARLIER FILING DATE: 1997-04-11
;   EARLIER APPLICATION NUMBER: 60/056,632
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,664
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,876
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,881
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,909
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,875
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,862
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,887
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/056,908
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/048,964
;   EARLIER FILING DATE: 1997-06-06
;   EARLIER APPLICATION NUMBER: 60/057,650
;   EARLIER FILING DATE: 1997-09-05
;   EARLIER APPLICATION NUMBER: 60/056,884
;   EARLIER FILING DATE: 1997-08-22
;   EARLIER APPLICATION NUMBER: 60/057,669
;   EARLIER FILING DATE: 1997-09-05
;   EARLIER APPLICATION NUMBER: 60/049,610
```

This Page Blank (uspto)

```
                    GenCore version 5.1.9
            Copyright (c) 1993 - 2006  Bioacceleration Ltd.

OM protein - protein search, using sw model

Run on:      July 5, 2006, 10:17:59 ; Search time 39 Seconds
                                  (without alignments)
                                495.886 Million cell updates/sec

Title:          US-10-063-549-46_COPY_23_223
Perfect score:  1067
Sequence:       1 SGPVKELVGSVGGAVTFPLK.........NFSSPILARKLCEGAADDPD 201

Scoring table:  BLOSUM62
                Gapop 10.0 , Gapext 0.5

Searched:       283416 seqs, 96216763 residues

Total number of hits satisfying chosen parameters:        283416

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :      PIR 80:*
                1: pir1:*
                2: pir2:*
                3: pir3:*
                4: pir4:*
```

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	282.5	26.5	629	2	A46500	Ly-9.2 antigen - m
2	142	13.3	335	2	S58892	signaling lymphocy
3	132	12.4	240	2	S01299	OX-45 membrane gly
4	122.5	11.5	521	2	S34338	biliary glycoprote
5	120.5	11.3	321	2	JH0395	biliary glycoprote
6	120.5	11.3	351	2	JH0396	biliary glycoprote
7	120.5	11.3	417	2	JH0394	biliary glycoprote
8	120.5	11.3	464	2	C30127	transmembrane carc
9	120.5	11.3	526	1	A32164	biliary glycoprote
10	119	11.2	458	2	JC1509	biliary glycoprote
11	117.5	11.0	344	2	A27681	nonspecific cross-
12	117.5	11.0	351	1	RWHUC2	T-cell surface gly
13	114	10.7	240	2	JL0143	antigen BCM1 precu
14	113.5	10.6	458	2	WMMSR1	biliary glycoprote
15	113.5	10.6	521	2	JC1508	biliary glycoprote
16	113.5	10.6	344	2	B28967	T-cell surface gly
17	107	10.0	344	2	I49585	CD2 antigen protei
18	106.5	10.0	344	1	RWRTC2	T-cell surface gly
19	104.5	9.8	432	2	S30193	T-cell surface gly
20	104	9.7	349	2	A34815	carcinoembryonic a
21	102.5	9.6	458	2	S23969	cell-adhesion mole
22	95.5	9.0	458	2	S69177	C-CAM2a protein is
23	95.5	9.0	519	2	A44783	ecto-ATPase precur
24	94.5	8.9	702	2	A36319	carcinoembryonic a
25	93.5	8.8	210	2	S35297	T-cell receptor ga
26	93	8.7	1451	2	S42167	190K protein - hum
27	90.5	8.5	419	2	JC4123	pregnancy-specific
28	89	8.3	5175	2	T20992	hypothetical prote
29	89	8.3	5198	2	T43290	hemicentin precurs
30	88	8.2	668	2	S56909	polymyxin B resist
31	86.5	8.1	417	2	A28277	pregnancy-specific
32	86.5	8.1	419	2	A33258	pregnancy-specific
33	86.5	8.1	426	2	B33258	pregnancy-specific
34	86	8.1	347	2	S41638	T-cell surface gly
35	86	8.1	419	2	B54312	pregnancy-specific
36	86	8.1	419	2	A36109	pregnancy-specific
37	85.5	8.0	324	2	G43354	pregnancy-specific
38	85.5	8.0	326	2	F43354	pregnancy-specific
39	85.5	8.0	333	2	A43354	pregnancy-specific
40	85.5	8.0	335	2	H43354	pregnancy-specific
41	85.5	8.0	395	2	D43354	pregnancy-specific
42	85.5	8.0	397	2	C43354	pregnancy-specific
43	85.5	8.0	406	2	E43354	pregnancy-specific
44	85.5	8.0	419	2	A31135	pregnancy-specific
45	85.5	8.0	426	2	A35964	pregnancy-specific

ALIGNMENTS

RESULT 1
A46500
Ly-9.2 antigen - mouse
C;Species: Mus musculus (house mouse)
C;Date: 18-Jun-1993 #sequence_revision 18-Nov-1994 #text_change 05-Nov-1999
C;Accession: A46500
R;Sandrin, M.S.; Gumley, T.P.; Henning, M.M.; Vaughan, H.A.; Gonez, L.J.; Trapani, J.A.;
J. Immunol. 149, 1636-1641, 1992
A;Title: Isolation and characterization of cDNA clones for mouse Ly-9.
A;Reference number: A46500; MUID:92373005; PMID:1506686
A;Accession: A46500
A;Status: preliminary
A;Molecule type: mRNA; protein
A;Residues: 1-629 <SAN>
A;Cross-references: UNIPARC:UPI0000047632; GB:M84412; NID:g198931; PIDN:AAA39468.1; PID:
A;Experimental source: C57BL/6
A;Note: sequence extracted from NCBI backbone (NCBIN:111651, NCBIP:111654)
C;Keywords: transmembrane protein

```
Query Match    26.5%;   Score 282.5;   DB 2;   Length 629;
Best Local Similarity   36.0%;   Pred. No. 6.5e-17;
Matches  71;   Conservative  24;   Mismatches  93;   Indels   9;   Gaps   4;

Qy    5  KELVGSVGGAVTFPLKSK-VKQVDSIVWTFNTTPLVTIQPBGGTIIVTQNR----NRER   58
            :|||:|||::||||:: :  ::|: | :   ::|:
Db  233  KTVVGILGEPVTLPLEFRATRATKNVWVLNTS--VISQERRGAATADSRRKPKGSEERR  290

Qy   59  VDFPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSN  118
            ::|: :|:||   |:  |:|  :|:||:::|
Db  291  VRTSDQDGSLKISQLKMEDAGPYHAYVCSEASRDPSVRHFTLLVYKRLEKPSVTKSPVHM  350

Qy  119  KNGTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNP  178
            :||    |||:: |  |||||||    ::|   |:|||:|||:|:|||||:|||||| ||
Db  351  MNGICEVVLTCSVDGGGNNVTYTWMPLQNKAVMSQGKSHLNVSWESGEHLPNFTCTAHNP  410

Qy  179  VSRNFSSPILARKLCEG  195
            ||:: ||:|| :  ::|
Db  411  VS-NSSSQFSSGTICSG  426
```

RESULT 2
S58892
signaling lymphocytic activation molecule - human
C;Species: Homo sapiens (man)
C;Date: 15-Feb-1996 #sequence_revision 01-Mar-1996 #text_change 09-Jul-2004
C;Accession: S58892
R;Cocks, B.G.; Chang, C.C.; Carballido, J.M.; Yssel, H.; de Vries, J.E.; Aversa, G.
Nature 376, 260-263, 1995
A;Title: A novel receptor involved in T-cell activation.
A;Reference number: S58892; MUID:95342241; PMID:7617038
A;Accession: S58892
A;Status: preliminary; nucleic acid sequence not shown

A;Molecule type: mRNA
A;Residues: 1-335 <COC>
A;Cross-references: UNIPROT:Q13291; UNIPARC:UPI0000047630; EMBL:U33017; NID:g984968; PID

Query Match   13.3%;   Score 142;   DB 2;   Length 335;
Best Local Similarity   25.4%;   Pred. No. 6.7e-05;
Matches   49;   Conservative   40;   Mismatches   80;   Indels   24;   Gaps   8;

Qy   6   ELVGSVGGAVTFPL------KSKVKQVDSIVWTFNT------TPLVTIQP-EGGTIIVTQ 52
                 ::| || | . || | : ||| : ||| |: | : ::::| |
Db   34   KILRQLGSKVLLPLTYERINKSMNKSIHIVVTMAKSLENSVENKIVSLDPSRAG----PP 89

Qy   53   NRNRERVDFPDGGYSLKLSKLKKNDSGIYYVGIYSS-SLQQPSTQEYVLHVYEHLSKPKV 111
                 :|:| | ||:| : | :| |:| ::: :: : ::| : |: | ||||
Db   90   RVLGDRYKFYLENLTLGIRESRKEDEGWYLMTLEKNVSVQRFCLQ---LRLYEQVSTPEI 146

Qy   112   TMGLQSNKNGTCVTNLTCCMEHGEEDVIYTW--KALGQAANESHNGSILPISWRWGRSDM 169
                 |:: |:|: | : :|| :: :: || |:| |: || |:|
Db   147   KVLNKTQENGTCTLILGCTVEKGDH-VAYSWSEKAGTHPLNPANSSHLLSLTLGPQHADN 205

Qy   170   TFICVARNPVSRN 182
                 ||| | |::||
Db   206   IYICTVSNPISNN 218

RESULT 3
S01299
OX-45 membrane glycoprotein precursor - rat
N;Alternate names: MRC OX-45 antigen
C;Species: Rattus norvegicus (Norway rat)
C;Date: 30-Sep-1989 #sequence_revision 30-Sep-1989 #text_change 09-Jul-2004
C;Keywords: glycoprotein; membrane protein; surface antigen
C;Accession: S01299
R;Killeen, N.; Moessner, R.; Arvieux, J.; Willis, A.; Williams, A.F.
EMBO J. 7, 3087-3091, 1988
A;Title: The MRC OX-45 antigen of rat leukocytes and endothelium is in a subset of the i
A;Reference number: S01299; MUID:89030603; PMID:3181129
A;Accession: S01299
A;Molecule type: mRNA
A;Residues: 1-240 <KIL>
A;Cross-references: UNIPROT:P10252; UNIPARC:UPI0000127370; EMBL:X13016; NID:g56804; PIDN
C;Superfamily: B-cell surface glycoprotein blast-1
C;Keywords: glycoprotein; membrane protein; surface antigen
F;1-22/Domain: signal sequence #status predicted <SIG>
F;23-240/Product: OX-45 membrane glycoprotein #status predicted <MAT>
F;38,97,140,186,203/Binding site: carbohydrate (Asn) (covalent) #status predicted

Query Match   12.4%;   Score 132;   DB 2;   Length 240;
Best Local Similarity   24.1%;   Pred. No. 0.0034;
Matches   41;   Conservative   30;   Mismatches   93;   Indels   6;   Gaps   3;

Qy   12   GGAVTFP-LKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVDFPDGGYSLKL 70
                 | | | || ||||| || :| ||||| ||||||| ||| |: ||||
Db   36   GSNVTLTILKHPLASYQRLTWLHTTNQKILEYFPNGKKTVFESVFKDRVDLDKTNGALRI 95

Qy   71   SKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKNGTCVTNLTCC 130
                 |:| :||||| ||| || |||||||||| | | :| | |:|||||
Db   96   YNVSKEDRGDYMRMLHETEDQ--WKITMEVYDLVSKPAIKEKTKNLTDSCHLRLSCK 152

Qy   131   MEHGEEDVIYTWKALGQAANESHNGSILPISWRWGRSDMTFICVARNPVS 180
                 | | || |: | |||| || |||||| ||||||||
Db   153   VE--DQGVDYTWYEDSGPFPQRNPGYVLEITITPHNKSTFYTCQVSNPVS 200

RESULT 4
S34338
biliary glycoprotein F - mouse
N;Alternate names: mouse hepatitis virus (MHV) receptor glycoprotein
C;Species: Mus musculus (house mouse)
C;Date: 20-Feb-1995 #sequence_revision 20-Feb-1995 #text_change 09-Jul-2004
C;Accession: S34338; JC1510; A41093
R;Huang, D.C.; Huang, X.F.; Novel, M.; Novel, G.
submitted to the EMBL Data Library, July 1992
A;Description: A Clp-family gene present on the lactose-protease plasmid of lactococcus

---

A;Reference number: S34338
A;Accession: S34338
A;Status: preliminary
A;Molecule type: mRNA
A;Residues: 1-521 <HUA>
A;Cross-references: UNIPROT:Q61352; UNIPARC:UPI0000283F8; EMBL:X67281; NID:g312585; PID
R;McCuaig, K.; Rosenberg, M.; Nedellec, P.; Turbide, C.; Beauchemin, N.
Gene 127, 173-183, 1993
A;Title: Expression of the Bgp gene and characterization of mouse colon biliary glycopro
A;Reference number: JC1505; MUID:93273228; PMID:8500759
A;Accession: JC1510
A;Molecule type: mRNA
A;Residues: 1-81,'Q',83-141,'P',143-521 <MCC>
A;Cross-references: UNIPARC:UPI0000177068; GB:X67281
R;Williams, R.K.; Jiang, G.S.; Holmes, K.V.
Proc. Natl. Acad. Sci. U.S.A. 88, 5533-5536, 1991
A;Title: Receptor for mouse hepatitis virus is a member of the carcinoembryonic antigen
A;Reference number: A41093; MUID:91288498; PMID:1648219
A;Accession: A41093
A;Status: preliminary
A;Molecule type: protein
A;Residues: 35-59 <WIL>
A;Cross-references: UNIPARC:UPI0000177069
C;Comment: This protein is expressed at the cell surface and plays a determinant role in
C;Genetics:
A;Gene: BgpF
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin
C;Keywords: glycoprotein; receptor
F;1-138/Domain: carcinoembryonic antigen precursor amino-terminal homology <CEAN>
F;160-219/Domain: immunoglobulin homology <IMM1>
F;254-303/Domain: immunoglobulin homology <IMM2>
F;339-396/Domain: immunoglobulin homology <IMM3>
F;87,104,148,199,206,210,226,258,290,294,304,333,375/Binding site: carbohydrate (Asn) (c

Query Match   11.5%;   Score 122.5;   DB 2;   Length 521;
Best Local Similarity   22.4%;   Pred. No. 0.0059;
Matches   47;   Conservative   32;   Mismatches   70;   Indels   61;   Gaps   8;

Qy   31   WTFNTTPLVTIQ------PEGGTIIVTQN-------------------RNRERVDFPDG-- 64
                 |::|:| :::
Db   28   WSPPTTAEVTIEAVPPQVAEDNNVLLLVHNLPLALGAFAWYKGNPVSTNAEIVHFVTGTN 87

Qy   65   ------------------GYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYV-LHVYEHLS 107
                 :|:|| : :||| :: ::| : ||
Db   88   KTTTGPAHSGRETVYSNGSLLIQRVTVKDTGVTIEMTDENFRR--TEATVQFHVHQLLL 145

Qy   108   KPKVTMGLQSNKNGTCVTNLTCCMEHGEEDVITTWKALGQAANESHNGSILPISWRWGES 167
                 || ::| | :|: | || :| :: :: .:|
Db   146   KPNITSNNSNPVEGDDSVSLTCDSYTDPDNITYLWSRNGESLSS---GDRLKLS--EGNR 200

Qy   168   DMT-------FICVARNPVSRNFSSP 186
                 | ||| | : |||
Db   201   TLTLLNVTRNDTGPYVCETRNPVSVNRSDP 230

RESULT 5
JH0395
biliary glycoprotein h precursor - human
C;Species: Homo sapiens (man)
C;Date: 30-Sep-1991 #sequence_revision 30-Sep-1991 #text_change 09-Jul-2004
C;Accession: JH0395
R;Kuroki, M.; Arakawa, F.; Matsuo, Y.; Oikawa, S.; Nakazato, H.; Matsuoka, Y.
Biochem. Biophys. Res. Commun. 176, 578-585, 1991
A;Title: Three novel molecular forms of biliary glycoprotein deduced from cDNA clones fr
A;Reference number: JH0394; MUID:91222218; PMID:2025273
A;Accession: JH0395
A;Molecule type: mRNA
A;Residues: 1-321 <KUR>
A;Cross-references: UNIPROT:P13688; UNIPARC:UPI0000002A625; GB:M69176; NID:g179434; PIDN
A;Experimental source: leukocyte
C;Comment: Biliary glycoproteins belong to the carcinoembryonic antigen gene family.
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin
C;Keywords: glycoprotein; transmembrane protein

F;1-138/Domain: carcinoembryonic antigen precursor amino-terminal homology <CEAN>
F;1-34/Domain: signal sequence #status predicted <SIG>
F;35-321/Product: biliary glycoprotein h #status predicted <MAT>
F;160-217/Domain: immunoglobulin homology <IMM1>
F;252-301/Domain: immunoglobulin homology <IMM2>

Query Match   11.3%;   Score 120.5; DB 2; Length 321;
Best Local Similarity   27.3%;   Pred. No. 0.0049;
Matches   45; Conservative   21; Mismatches   60; Indels   39; Gaps   9;

Qy   46 GTIIVTQ-------NRNRERVDFPDGGYSLKLSKLKKNDSGIYYVGIYSSL-QQPSTQE 97
            | ||||| ::: || : |:|| : |::|:|:::|::|:: |
Db   81 GYAIGTQQATPGPANSGRETI-YPNA--SLLIQNVTQNDTGFYTLQVIKSDLVNEEATGQ 137

Qy   98 YVLHVYEHLSKPKVTMGLQSNKNGTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSI 157
            || :: || ||:| :| | ||| | :|| : |:: || :::
Db   138 F--HVYPELPKPSISSNNSNPVEDKDAVAFTC--EPETQDTTYLWWI------NNQS 184

Qy   158 LPISWRW----GESDMTFICVAR----------NPVSRNFSSPI 187
           ||:| :|| : || |||| | | |
Db   185 LPVSPRLQLSNGNRTLTLLSVTRNDTGPYECEIQNPVSANRSDPV 229

RESULT 6
JH0396
biliary glycoprotein i precursor - human
C;Species: Homo sapiens (man)
C;Date: 30-Sep-1991 #sequence_revision 30-Sep-1991 #text_change 09-Jul-2004
C;Accession: JH0396
R;Kuroki, M.; Arakawa, F.; Matsuo, Y.; Oikawa, S.; Nakazato, H.; Matsuoka, Y.
Biochem. Biophys. Res. Commun. 176, 578-585, 1991
A;Title: Three novel molecular forms of biliary glycoprotein deduced from cDNA clones fr
A;Reference number: JH0394; MUID:91222218; PMID:2025273
A;Accession: JH0396
A;Molecule type: mRNA
A;Residues: 1-351 <KUR>
A;Cross-references: UNIPROT:P13688/ UNIPARC:UPI000002A626; GB:M72238; NID:g179436; PIDN:
A;Experimental source: leukocyte
C;Comment: Biliary glycoproteins belong to the carcinoembryonic antigen gene family.
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin
C;Keywords: glycoprotein; transmembrane protein
F;1-34/Domain: carcinoembryonic antigen precursor amino-terminal homology <CEAN>
F;1-34/Domain: signal sequence #status predicted <SIG>
F;35-351/Product: biliary glycoprotein i #status predicted <MAT>
F;160-217/Domain: immunoglobulin homology <IMM1>
F;252-301/Domain: immunoglobulin homology <IMM2>

Query Match   11.3%;   Score 120.5; DB 2; Length 351;
Best Local Similarity   27.3%;   Pred. No. 0.0055;
Matches   45; Conservative   21; Mismatches   60; Indels   39; Gaps   9;

Qy   46 GTIIVTQ-------NRNRERVDFPDGGYSLKLSKLKKNDSGIYYVGIYSSL-QQPSTQE 97
            | ||||| ::: || : |:|| : |::|:|:::|::|:: |
Db   81 GYAIGTQQATPGPANSGRETI-YPNA--SLLIQNVTQNDTGFYTLQVIKSDLVNEEATGQ 137

Qy   98 YVLHVYEHLSKPKVTMGLQSNKNGTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSI 157
            || :: || ||:| :| | ||| | :|| : |:: || :::
Db   138 F--HVYPELPKPSISSNNSNPVEDKDAVAFTC--EPETQDTTYLWWI------NNQS 184

Qy   158 LPISWRW----GESDMTFICVAR----------NPVSRNFSSPI 187
           ||:| :|| : || |||| | | |
Db   185 LPVSPRLQLSNGNRTLTLLSVTRNDTGPYECEIQNPVSANRSDPV 229

RESULT 7
JH0394
biliary glycoprotein g precursor - human
C;Species: Homo sapiens (man)
C;Date: 30-Sep-1991 #sequence_revision 30-Sep-1991 #text_change 09-Jul-2004
C;Accession: JH0394
R;Kuroki, M.; Arakawa, F.; Matsuo, Y.; Oikawa, S.; Nakazato, H.; Matsuoka, Y.
Biochem. Biophys. Res. Commun. 176, 578-585, 1991
A;Title: Three novel molecular forms of biliary glycoprotein deduced from cDNA clones fr

---

A;Reference number: JH0394; MUID:91222218; PMID:2025273
A;Accession: JH0394
A;Molecule type: mRNA
A;Residues: 1-417 <KUR>
A;Cross-references: UNIPROT:P13688; UNIPARC:UPI000002A624; GB:M72238; NID:g179436; PIDN:
A;Experimental source: leukocyte
C;Comment: Biliary glycoproteins belong to the carcinoembryonic antigen gene family.
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin
C;Keywords: glycoprotein; transmembrane protein
F;1-138/Domain: carcinoembryonic antigen precursor amino-terminal homology <CEAN>
F;1-34/Domain: signal sequence #status predicted <SIG>
F;35-38/Product: biliary glycoprotein g #status predicted <MAT>
F;160-217/Domain: immunoglobulin homology <IMM1>
F;252-301/Domain: immunoglobulin homology <IMM2>
F;341-398/Domain: immunoglobulin homology <IMM3>

Query Match   11.3%;   Score 120.5; DB 2; Length 417;
Best Local Similarity   27.3%;   Pred. No. 0.0067;
Matches   45; Conservative   21; Mismatches   60; Indels   39; Gaps   9;

Qy   46 GTIIVTQ-------NRNRERVDFPDGGYSLKLSKLKKNDSGIYYVGIYSSL-QQPSTQE 97
            | ||||| ::: || : |:|| : |::|:|:::|::|:: |
Db   81 GYAIGTQQATPGPANSGRETI-YPNA--SLLIQNVTQNDTGFYTLQVIKSDLVNEEATGQ 137

Qy   98 YVLHVYEHLSKPKVTMGLQSNKNGTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSI 157
            || :: || ||:| :| | ||| | :|| : |:: || :::
Db   138 F--HVYPELPKPSISSNNSNPVEDKDAVAFTC--EPETQDTTYLWWI------NNQS 184

Qy   158 LPISWRW----GESDMTFICVAR----------NPVSRNFSSPI 187
           ||:| :|| : || |||| | | |
Db   185 LPVSPRLQLSNGNRTLTLLSVTRNDTGPYECEIQNPVSANRSDPV 229

RESULT 8
C30127
transmembrane carcinoembryonic antigen 3 precursor - human
N;Alternate names: CD66 splice form BGPc
C;Species: Homo sapiens (man)
C;Date: 07-Sep-1990 #sequence_revision 07-Sep-1990 #text_change 09-Jul-2004
C;Accession: C30127; I52597
R;Barnett, T.R.; Kretschmer, A.; Austen, D.A.; Goebel, S.J.; Hart, J.T.; Elting, J.J.; K
J. Cell Biol. 108, 267-276, 1989
A;Title: Carcinoembryonic antigens: alternative splicing accounts for the multiple mRNAs
A;Reference number: A92752; MUID:89139550; PMID:2537311
A;Accession: C30127
A;Molecule type: mRNA
A;Residues: 1-464 <BAR>
A;Cross-references: UNIPROT:Q16170; UNIPARC:UPI000072309; EMBL:X16356; EMBL:X14784
R;Watt, S.M.; Fawcett, J.; Murdoch, S.J.; Teixeira, A.M.; Gschmeissner, S.E.; Hajibagher
Blood 84, 200-210, 1994
A;Title: CD66 identifies the biliary glycoprotein (BGP) adhesion molecule: cloning, expr
A;Reference number: I52597; MUID:94289702; PMID:8018919
A;Accession: I52597
A;Status: preliminary; translated from GB/EMBL/DDBJ
A;Molecule type: mRNA
A;Residues: 1-464 <RES>
A;Cross-references: UNIPARC:UPI000072309; GB:S71326; NID:g550030; PIDN:AAB31183.1; PID:
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin
C;Keywords: alternative splicing; glycoprotein; surface antigen; transmembrane protein
F;1-138/Domain: carcinoembryonic antigen precursor amino-terminal homology <CEAN>
F;1-34/Domain: signal sequence #status predicted <SIG>
F;35-464/Product: transmembrane carcinoembryonic antigen 3 #status predicted <MAT>
F;160-217/Domain: immunoglobulin homology <IMM1>
F;252-301/Domain: immunoglobulin homology <IMM2>
F;341-398/Domain: immunoglobulin homology <IMM3>
F;424-455/Domain: transmembrane #status predicted <TMM>
F;104,111,115,152,182,197,208,224,232,254,274,288,292,302,309,345,351,363,378,405/Bindin

Query Match   11.3%;   Score 120.5; DB 2; Length 464;
Best Local Similarity   27.3%;   Pred. No. 0.0076;
Matches   45; Conservative   21; Mismatches   60; Indels   39; Gaps   9;

Qy   46 GTIIVTQ-------NRNRERVDFPDGGYSLKLSKLKKNDSGIYYVGIYSSL-QQPSTQE 97

```
Db      81 GYAIGTQQATPGPANSGRETI-YPNA--SLLIQNVTQNDTGFYTLQVIKSDLLVNEEATGQ 137
           ||  |  :        ||  :|: : ||  ||  ||||||:    :|||||||| |: |
Qy      98 YVLHVYEHLSKPKVTMGLQSNKNGTCVTNLTCCMEHGEDVIYTWKALGQAANESHNGSI 157

Db     138 F--HVYPELPKPSISSNNSNPVEDKDAVAFTC--EPETQDTTYLWWI-------NNQS 184
              : ||         :          |: :         |||||||:
Qy     158 LPISWRW---GESDMTFICVAR---------NPVSRNFSSPI 187
           ||:||         ||||: ||         |||:||||
Db     185 LPVSPRLQLSNGNRTLTLLSVTRNDTGPYECEIQNPVSANRSDPV 229
```

RESULT 9

A32164
biliary glycoprotein 1 precursor, splice form a - human
N;Alternate names: transmembrane carcinoembryonic antigen 1 (TM1-CEA); transmembrane car
C;Species: Homo sapiens (man)
C;Date: 20-Apr-2000 #sequence_revision 20-Apr-2000 #text_change 09-Jul-2004
C;Accession: A32164; A30127; B30127; A48078; S45664; S65939; A30847; G44476
R;Hinoda, Y.; Neumaier, M.; Hefta, S.A.; Drzeniek, Z.; Wagener, C.; Shively, L.; Hefta,
Proc. Natl. Acad. Sci. U.S.A. 86, 1668, 1989
A;Reference number: A32164
A;Contents: erratum
A;Accession: A32164
A;Molecule type: mRNA
A;Residues: 1-526 <HIN>
A;Cross-references: UNIPROT:P13688; UNIPARC:UPI000127483; GB:J03858; NID:g179439; PIDN:
R;Hinoda, Y.; Neumaier, M.; Hefta, S.A.; Drzeniek, Z.; Wagener, C.; Shively, L.; Hefta,
Proc. Natl. Acad. Sci. U.S.A. 85, 6959-6963, 1988
A;Title: Molecular cloning of a cDNA coding biliary glycoprotein I: Primary structure of
A;Reference number: A94206; MUID:88320555; PMID:2457922
A;Contents: annotation
A;Note: the sequence shown in this reference has been completely corrected in reference
R;Barnett, T.R.; Kretschmer, A.; Austen, D.A.; Goebel, S.J.; Hart, J.T.; Elting, J.J.; K
J. Cell Biol. 108, 267-276, 1989
A;Title: Carcinoembryonic antigens: alternative splicing accounts for the multiple mRNAs
A;Reference number: A92752; MUID:89139550; PMID:2537311
A;Molecule type: mRNA
A;Residues: 1-526 <BAR1>
A;Cross-references: UNIPARC:UPI000127483; EMBL:X16354; NID:g37197; PIDN:CAA34404.1; PID
A;Experimental source: splice form a
A;Accession: B30127
A;Molecule type: mRNA
A;Residues: 1-319,'D',417-526 <BAR2>
A;Cross-references: UNIPARC:UPI0000073D2E; EMBL:X14831; NID:g37199; PIDN:CAA32940.1; PID
R;Barnett, T.R.; Drake, L.; Pickle II, W.
Mol. Cell. Biol. 13, 1273-1282, 1993
A;Title: Human biliary glycoprotein gene: characterization of a family of novel alternat
A;Reference number: A48078; MUID:93140765; PMID:8423792
A;Accession: A48078
A;Molecule type: mRNA
A;Residues: 124-141,'H',417-526 <BAR3>
A;Cross-references: UNIPARC:UPI000173868; GB:M76742; NID:g179480; PIDN:AAA57142.1; PID:
A;Experimental source: splice form x
A;Note: sequence extracted from NCBI backbone (NCBIN:123602, NCBIP:123606)
R;Hauck, W.; Nedellec, P.; Turbide, C.; Stanners, C.P.; Barnett, T.R.; Beauchemin, N.
Eur. J. Biochem. 223, 529-541, 1994
A;Title: Transcriptional control of the human biliary glycoprotein gene, a CEA gene fami
A;Reference number: S45664; MUID:94333343; PMID:8055923
A;Accession: S45664
A;Status: preliminary
A;Molecule type: DNA
A;Residues: 1-21 <HAU>
A;Cross-references: UNIPARC:UPI000006E9AC; EMBL:X67277; NID:g29447; PIDN:CAA47694.1; PID
R;Nedellec, P.; Turbide, C.; Beauchemin, N.
Eur. J. Biochem. 231, 104-114, 1995
A;Title: Characterization and transcriptional activity of the mouse biliary glycoprotein
A;Reference number: S65939; MUID:95354678; PMID:7628460
A;Accession: S65939
```

(right column continued)

```
A;Status: preliminary; translation not shown
A;Molecule type: DNA
A;Residues: 1-21 <NED>
A;Cross-references: UNIPARC:UPI000006E9AC; EMBL:X67277; NID:g29447; PIDN:CAA47694.1; PID
A;Note: the nucleotide sequence was submitted to the EMBL Data Library, July 1992
A;Note: only a part of the coding sequence is given
R;Khan, W.N.; Fraengsmyr, L.; Teglund, S.; Israelsson, A.; Bremer, K.; Hammarstroem, S.
Genomics 14, 384-390, 1992
A;Title: Identification of three new genes and estimation of the size of the carcinoembi
A;Reference number: A4476; MUID:93052339; PMID:1427854
A;Contents: annotation; alignment of related sequences
C;Genetics:
A;Gene: GDB:BGP
A;Cross-references: GDB:127992; OMIM:109770
C;Map position: 19q13.2-19q13.2
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin
C;Keywords: alternative splicing; glycoprotein; surface antigen; transmembrane protein
F;1-138/Domain: carcinoembryonic antigen precursor amino-terminal homology <CEAN>
F;1-34/Domain: signal sequence #status predicted <SIG>
F;35-526/Product: biliary glycoprotein 1, splice form a #status predicted <MATA>
F;35-428/Domain: extracellular #status predicted <EXT>
F;35-319,'D',417-526/Product: biliary glycoprotein 1, splice form b #status predicted <M
F;35-141,'H',417-526/Product: biliary glycoprotein 1, splice form x #status predicted <M
F;160-217/Domain: immunoglobulin homology <IMM1>
F;252-301/Domain: immunoglobulin homology <IMM2>
F;341-398/Domain: immunoglobulin homology <IMM3>
F;425-454/Domain: transmembrane #status predicted <TMM>
F;453-526/Domain: intracellular #status predicted <INT>
F;104,111,115,152,182,197,208,224,232,254,274,288,292,302,309,345,351,363,378,405,475/Bi
```

```
Query Match              11.3%;   Score 120.5; DB 1; Length 526;
Best Local Similarity    27.3%;   Pred. No. 0.0089;
Matches   45;  Conservative  21;  Mismatches  60;  Indels  39;  Gaps  9;

Qy      46 GTIIVTQ------NRNRERVDFPDGGYSLKLSKLKNDSGIYYGIYSSSL-QQPSTQE 97
           |||           |||  |  :        ||  :|: :||:||| |: :|| |  |
Db      81 GYAIGTQQATPGPANSGRETI-YPNA--SLLIQNVTQNDTGFYTLQVIKSDLLVNEEATGQ 137

Qy      98 YVLHVYEHLSKPKVTMGLQSNKNGTCVTNLTCCMEHGEDVIYTWKALGQAANESHNGSI 157
           ||  |  :        ||  :|: : ||  ||  ||||||:    :|||||||| |: |
Db     138 F--HVYPELPKPSISSNNSNPVEDKDAVAFTC--EPETQDTTYLWWI-------NNQS 184

Qy     158 LPISWRW---GESDMTFICVAR---------NPVSRNFSSPI 187
           ||:||         ||||: ||         |||:||||
Db     185 LPVSPRLQLSNGNRTLTLLSVTRNDTGPYECEIQNPVSANRSDPV 229
```

RESULT 10

JC1509
biliary glycoprotein E - mouse
C;Species: Mus musculus (house mouse)
C;Date: 24-Feb-1994 #sequence_revision 24-Feb-1994 #text_change 09-Jul-2004
C;Accession: JC1509
R;McCuaig, K.; Rosenberg, M.; Nedellec, P.; Turbide, C.; Beauchemin, N.
Gene 127, 173-183, 1993
A;Title: Expression of the Bgp gene and characterization of mouse colon biliary glycoprot
A;Reference number: JC1505; MUID:93273228; PMID:8500759
A;Accession: JC1509
A;Molecule type: mRNA
A;Residues: 1-458 <MCC>
A;Cross-references: UNIPROT:Q61351; UNIPARC:UPI000017706E; GB:X67280
C;Comment: This protein is expressed at the cell surface and plays a determinant role in
C;Genetics:
A;Gene: BgpE
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termina
C;Keywords: glycoprotein; receptor
F;1-138/Domain: carcinoembryonic antigen precursor amino-terminal homology <CEAN>
F;160-219/Domain: immunoglobulin homology <IMM1>
F;254-303/Domain: immunoglobulin homology <IMM2>
F;339-396/Domain: immunoglobulin homology <IMM3>
F;87,104,148,199,206,210,226,258,290,294,304,333,375/Binding site: carbohydrate (Asn) (cc

Query Match   11.2%;   Score 119;   DB 2;   Length 458;

```
Best Local Similarity 25.4%;   Pred. No. 0.01;
Matches  46;   Conservative  31;   Mismatches  70;   Indels  34;   Gaps  9;

Qy   18  PLKSKVAQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVDFPDGGYSLKLSKLKKND  77
             |: .| |  :::| | |:: |  :  ||  . :||.|:. | . :|   |:
Db   72  PVSTNAEIVHQVVGTNKTT---TGPAHSG-------RETV-YSNG--SLLIQRVTVKD  116

Qy   78  SGIYYVGIYSSSLQQPSTQEYV-LHVYEHLSKPKVTMGLQSNKNGTCVTNLTCCMEHGEE  136
             :|| |::| | | |  |:|   || |:| ||| |||||||||||  |:||
Db  117  TGVYTIEMTDENFRR--TEATVQFHVHPLLLKPNITSNNSNPVEGDDSVSLTCDSYTDPD  174

Qy  137  DVIYTWKALGQAANESHNGSILPISWRWGESDMT---------FICVARNPVSRNFSS  185
              ::  |  : ||: :|  :  |  ||  :|  |              :|||||||||||
Db  175  NITYLWSRNGESLSE---GDRLKLS--EGNRTLTLLNVTRNDTGPYYCETRNPVSVNRSD  229

Qy,  186  P  186
Db  230  P  230
```

RESULT 11
A27681
nonspecific cross-reacting antigen precursor - human
N;Alternate names: NCA; TEX/NCA
C;Species: Homo sapiens (man)
C;Date: 31-Mar-1989 #sequence_revision 16-Sep-1992 #text_change 09-Jul-2004
C;Accession: A26902; A29875; A27681; B31037; A29918; A27709; A36271; C26414; E44476; F44
R;Oikawa, S.; Kosaki, G.; Nakazato, H.
A;Title: Molecular cloning of a gene for a member of carcinoembryonic antigen (CEA) gene
Biochem. Biophys. Res. Commun. 146, 464-469, 1987
A;Reference number: A26902; MUID:87298464; PMID:3619891
A;Accession: A26902
A;Molecule-type: DNA
A;Residues: 1-141 <OIK>
A;Cross-references: UNIPROT:Q13774; UNIPARC:UPI0000072416; GB:M17082; NID:g180230; PIDN:
R;Thompson, J.A.; Pande, H.; Paxton, R.J.; Shively, L.; Padma, A.; Simmer, R.L.; Todd, C
Proc. Natl. Acad. Sci. U.S.A. 84, 2965-2969, 1987
A;Title: Molecular cloning of a gene belonging to the carcinoembryonic antigen gene fami
A;Reference number: A29875; MUID:87204248; PMID:3033672
A;Accession: A29875
A;Molecule-type: DNA
A;Residues: 23-141 <THO>
A;Cross-references: UNIPARC:UPI0000177070; GB:M16337
R;Tawaragi, Y.; Oikawa, S.; Matsuoka, Y.; Kuroki, G.; Nakazato, H.
Biochem. Biophys. Res. Commun. 150, 89-96, 1988
A;Title: Primary structure of nonspecific crossreacting antigen (NCA), a member of carci
A;Reference number: A27681; MUID:88106638; PMID:3337731
A;Accession: A27681
A;Molecule-type: mRNA
A;Residues: 1-238,'V',240-344 <TAW>
A;Cross-references: UNIPARC:UPI000012748C; GB:M18728; NID:g189084; PIDN:AAA59907.1; PID:
R;Barnett, T.; Goebel, S.J.; Nothduft, M.A.; Elting, J.J.
Genomics 3, 59-66, 1988
A;Title: Carcinoembryonic antigen family: characterization of cDNAs coding for NCA and C
A;Reference number: A31037; MUID:89122014; PMID:3220478
A;Accession: B31037
A;Molecule-type: mRNA
A;Residues: 1-137,'L',139-344 <BAR>
A;Cross-references: UNIPARC:UPI00001GADC6; GB:M29541; NID:g189103; PIDN:AAA59915.1; PID:
R;Neumaier, M.; Zimmermann, W.; Shively, L.; Hinoda, Y.; Riggs, A.D.; Shively, J.E.
J. Biol. Chem. 263, 3202-3207, 1988
A;Title: Characterization of a cDNA clone for the nonspecific cross-reacting antigen (NC
A;Reference number: A29918; MUID:88139389; PMID:2830274
A;Accession: A29918
A;Molecule-type: mRNA
A;Residues: 1-344 <NEU>
A;Cross-references: UNIPARC:UPI00000SDF42; GB:M18216; GB:J03550; NID:g178690; PIDN:AAA51
R;Grunert, F.; Kolbinger, F.; Schwarz, K.; Schwaibold, H.; von Kleist, S.
Biochem. Biophys. Res. Commun. 153, 1105-1115, 1988
A;Title: Protein analysis of NCA-50 shows identity to NCA cDNA deduced sequences and ind
A;Reference number: A27709; MUID:88268882; PMID:3390172

A;Accession: A27709
A;Molecule type: protein
A;Residues: 35-95;99-110;123-138;149-151,'X',153-162;166,'X',168-172,'X',174-193;231-235
078; UNIPARC:UPI0000177079; UNIPARC:UPI0000177077A
R;Hefta, S.A.; Paxton, R.J.; Shively, J.E.
J. Biol. Chem. 265, 8618-8626, 1990
A;Title: Sequence and glycosylation site identity of two distinct glycoforms of nonspec
A;Reference number: A36271; MUID:9256782; PMID:2341397
A;Accession: A36271
A;Molecule type: protein
A;Residues: 35-42;44-53;55-80;83-134;139-160;166-172;174-180;191-194;204-224;233-308;310
082; UNIPARC:UPI0000177083; UNIPARC:UPI0000177084
R;Paxton, R.J.; Moser, G.; Pande, H.; Lee, T.D.; Shively, J.E.
Proc. Natl. Acad. Sci. U.S.A. 84, 920-924, 1987
A;Title: Sequence analysis of carcinoembryonic antigen: identification of glycosylation
A;Reference number: A26414; MUID:87147209; PMID:3469650
A;Accession: C26414
A;Molecule type: protein
A;Residues: 35-69 <PAX>
A;Cross-references: UNIPARC:UPI0000177085
R;Khan, W.N.; Freengsmyr, L.; Teglund, S.; Israelsson, A.; Bremer, K.; Hammarstroem, S.
Genomics 14, 384-390, 1992
A;Title: Identification of three new genes and estimation of the size of the carcinoemb
A;Reference number: A44476; MUID:93052339; PMID:1427854
A;Accession: E44476
A;Status: preliminary; not compared with conceptual translation
A;Molecule type: DNA
A;Residues: 35-141 <KHA>
A;Cross-references: UNIPARC:UPI0000177086
A;Accession: F44476
A;Status: preliminary; not compared with conceptual translation
A;Molecule type: DNA
A;Residues: 35-137,'L',139-141 <KH2>
A;Cross-references: UNIPARC:UPI0000177086
C;Comment: This protein appears to be processed at the carboxyl terminus and anchored th
A;Gene: GDB:NCA
A;Cross-references: GDB:120221; OMIM:163980
A;Map position: 19q13.2-19q13.2
A;Introns: 22/1
A;Note: the list of introns may be incomplete
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin
C;Keywords: blocked carboxyl end; glycoprotein; lipoprotein; membrane protein; phosphati
F;1-138/Domain: carcinoembryonic antigen precursor amino-terminal homology <CEAN>
F;35-320/Domain: signal sequence #status predicted <SIG>
F;35-320/Product: nonspecific cross-reacting antigen #status experimental <MAT>
F;160-217/Domain: immunoglobulin homology <IMM1>
F;252-301/Domain: immunoglobulin homology <IMM2>
F;321-344/Domain: carboxyl-terminal propeptide #status predicted <CTP>
F;104,111,115,152,173,197,224,256,274,288,292/Binding site: carbohydrate (Asn) (covalent)
F;309/Binding site: carbohydrate (Asn) (covalent) #status predicted
F;320/Modified site: GPI-anchor ethanolamine amidated carboxyl end (Gly) (in mature form

```
Query Match            11.0%;   Score  117.5;   DB  2;   Length  344;
Best Local Similarity  23.7%;   Pred. No. 0.0098;
Matches  51;   Conservative  25;   Mismatches  68;   Indels  71;   Gaps  11;

Qy   31  WTFNTTPLVTIQ------VTQNR------NRERVD----------  60
             ||| | |:         ||||
Db   28  WNPPTTAKLTIESTPPNVAEGKEVLLLAHNLPQNRIGYSWYKGERVDGNSLIVGYVIGTQ  87

Qy   61  --FPDGGY---------SLKLSKLKKNDSGIYYVGIYSSSL-QQPSTQEYVLHVYEHLS  107
             :||||           :||| :|  ::|||  .|   .::  ...  || |:::
Db   88  QATPGPAYSGRETYPNASLLIQNVTQNDTGFYTLQVIKSDLVNEEATGQF--HVPELP  145

Qy  108  KPKVTMGLQSNKNGTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRW---  164
             ||  :|| :|   |  | | |    |  ::   |  :|| ::|  :  | ||
Db  146  KPSISSNNSNPVEBDKDAVAFTC--EPEVQNTTYLWVV--------NGQSLPVSPRLQLS  194

Qy  165  -GESDMTFI----------CVARNPVSRNFSSPI  187
             |: ||            ::||||  ||  || ||
```

Db   195 NGNMTLTLLSVKRNDAGSYECEIQNPASANRSDPV 229

RESULT 12

RWHUC2

T-cell surface glycoprotein CD2 precursor - human
N;Alternate names: E rosette receptor; erythrocyte receptor; erythrocyte-binding protein
C;Species: Homo sapiens (man)
C;Date: 31-Mar-1989 #sequence_revision 31-Mar-1989 #text_change 09-Jul-2004
C;Accession: A28967; A26486; B26486; A28416; A28023; S02292; A30430; S00829; A29874
R;Diamond, D.J.; Clayton, L.K.; Sayre, P.H.; Reinherz, E.L.
Proc. Natl. Acad. Sci. U.S.A. 85, 1615-1619, 1988
A;Title: Exon-intron organization and sequence comparison of human and murine T11 (CD2)
A;Reference number: A28967; MUID:88144486; PMID:2894031
A;Accession: A28967
A;Molecule type: DNA
A;Residues: 1-351 <DIA>
A;Cross-references: UNIPARC:UPI000062209; GB:M19806; GB:J03522; GB:J036
R;Sewell, W.A.; Brown, M.H.; Dunne, J.; Owen, M.J.; Crumpton, M.J.
Proc. Natl. Acad. Sci. U.S.A. 83, 8718-8722, 1986
A;Title: Molecular cloning of the human T-lymphocyte surface CD2 (T11) antigen.
A;Reference number: A26486; MUID:87041523; PMID:3490670
A;Accession: A26486
A;Molecule type: mRNA
A;Residues: 1-338,'M',340,'QQKTHCPLPLIKKDRNCLFQ' <SE1>
A;Cross-references: UNIPARC:UPI000004D168
A;Accession: B26486
A;Molecule type: protein
A;Residues: 25-46,'X',50 <SE2>
A;Cross-references: UNIPARC:UPI000004D168
R;Sewell, W.A.; Brown, M.H.; Dunne, J.; Owen, M.J.; Crumpton, M.J.
Proc. Natl. Acad. Sci. U.S.A. 84, 7256, 1987
A;Contents: revision
A;Reference number: A28416
A;Accession: A28416
A;Molecule type: mRNA
A;Residues: 333-351 <SE3>
A;Cross-references: UNIPARC:UPI000173764
R;Seed, B.; Aruffo, A.
Proc. Natl. Acad. Sci. U.S.A. 84, 3365-3369, 1987
A;Title: Molecular cloning of the CD2 antigen, the T-cell erythrocyte receptor, by a rap
A;Reference number: A28023; MUID:87204137; PMID:2437578
A;Accession: A28023
A;Molecule type: mRNA
A;Residues: 1-265,'Q',267-351 <SEE>
A;Cross-references: UNIPARC:UPI000127347; GB:M16445; NID:g178668; PIDN:AAA51738.1; PID:
R;Sayre, P.H.; Chang, H.C.; Hussey, R.E.; Brown, N.R.; Richardson, N.E.; Spagnoli, G.; C
Proc. Natl. Acad. Sci. U.S.A. 84, 2941-2945, 1987
A;Title: Molecular cloning and expression of T11 cDNAs reveal a receptor-like structure
A;Reference number: S02292; MUID:87204243; PMID:2883656
A;Accession: S02292
A;Molecule type: mRNA
A;Residues: 1-338,'M',340,'QQKTHCPLPLIKKDRNCLFQ' <SA1>
A;Cross-references: UNIPARC:UPI000004D168; GB:M16336; NID:g180093; PIDN:AAA51946.1; PID:
R;Lang, G.; Wotton, D.; Owen, M.J.; Sewell, W.A.; Brown, M.H.; Mason, D.Y.; Crumpton, M.
EMBO J. 7, 1675-1682, 1988
A;Title: The structure of the human CD2 gene and its expression in transgenic mice.
A;Reference number: S00829; MUID:89005055; PMID:2901953
A;Accession: S00829
A;Molecule type: DNA
A;Residues: 1-351 <LAN>
A;Cross-references: UNIPARC:UPI000062209; EMBL:X07871
C;Comment: CD2 is a surface antigen expressed on all peripheral blood T-cells. It appear
or is closely associated with, the erythrocyte receptor.
A;Genetics:
A;Gene: GDB:CD2
A;Cross-references: GDB:118735; OMIM:186990
A;Map position: 1p13.1-1p13.1
A;Introns: 21/1; 128/1; 205/1; 246/1

C;Superfamily: T-cell surface glycoprotein CD2
C;Keywords: glycoprotein; T-cell; transmembrane protein
F;1-24/Domain: signal sequence #status predicted <SIG>
F;25-351/Product: T-cell surface glycoprotein CD2 #status predicted <MAT>
F;25-206/Domain: extracellular #status predicted <EXT>
F;210-234/Domain: transmembrane #status predicted <TMM>
F;237-351/Domain: intracellular #status predicted <INT>
F;89,141,150/Binding site: carbohydrate (Asn) (covalent) #status predicted

Query Match   11.0%; Score 117.5; DB 1; Length 351;
Best Local Similarity   25.8%; Pred. No. 0.01;
Matches   49; Conservative   33; Mismatches   73; Indels   35; Gaps 10;

Qy   6 ELVGSVGGAVTFPLKS--KVKQVDSIVW--TFNTTPLVTIQPEGGTIIVTQNRNRERVDF   61
                 : ::: :. :   :   : :: :   :::: :: :
Db   32 ETWGALGQDINLDIPSFQMSDDIDDIKWEKTSDKKKIAQFRKEKETF--KEKDTYKL-F   87

Qy   62 PDGGYSLKLSKLKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKNG 121
              : ::: :: ::   : :: :::: : ::: :|: :|:||:::
Db   88 KNG--TLKIKHLKTDDQDIYKVSIYDTKGKNVLEKIFDLKIQERVSKPKISW------- 137

Qy   122 TCV-TNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWR-----WGES-DMTFICV 174
              : : :::::: | ::   ::   ::|:|:|:
Db   138 TCINTTLTCEVMNGTDPEL---------NLYQDGKHLKLSQRVITHKWTTSLSAKFKCT 187

Qy   175 ARNPVSRNFS 184
              | |::|
Db   188 AGNKVSKESS 197

RESULT 13

JL0143

antigen BCM1 precursor - mouse
N;Alternate names: CD48 antigen homolog sgp-60; OX45 antigen, Blast-1 antigen
C;Species: Mus musculus (house mouse)
C;Date: 31-Dec-1991 #sequence_revision 31-Dec-1991 #text_change 09-Jul-2004
C;Accession: JL0143; S21319; A47469; B47469
R;Wong, Y.W.; Williams, A.F.; Kingsmore, S.F.; Seldin, M.F.
J. Exp. Med. 171, 2115-2130, 1990
A;Title: Structure, expression, and genetic linkage of the mouse BCM1 (OX45 or Blast-1)
region on mouse chromosome 3.
A;Reference number: JL0143; MUID:90278362; PMID:1693656
A;Accession: JL0143
A;Molecule type: mRNA
A;Residues: 1-240 <WON>
A;Cross-references: UNIPROT:P18181; UNIPARC:UPI000003EBF; EMBL:X17501; NID:g50134; PIDN:
R;Wong, Y.W.; Williams, A.F.; Kingsmore, S.F.; Seldin, M.F.
submitted to the EMBL Data Library, June 1990
A;Description: Structure, expression and genetic linkage of the mouse BCM1 (OX45 or Blas
3 region on mouse chromosome 3.
A;Reference number: S21319
A;Accession: S21319
A;Status: preliminary
A;Molecule type: mRNA
A;Residues: 1-240 <WON2>
A;Cross-references: UNIPARC:UPI000003EBF; EMBL:X53526; NID:g50138; PIDN:CAA37604.1; PID
R;Cabrero, J.G.; Freeman, G.J.; Lane, W.S.; Reiser, H.
Proc. Natl. Acad. Sci. U.S.A. 90, 3418-3422, 1993
A;Title: Identification, by protein sequencing and gene transfection, of sgp-60 as the mu
A;Reference number: A47469; MUID:93234508; PMID:8475091
A;Accession: A47469
A;Molecule type: protein
A;Residues: 74-80 <CAB>
A;Cross-references: UNIPARC:UPI000176785
A;Experimental source: EL-4 lymphoma cells
A;Note: sequence extracted from NCBI backbone (NCBIP:129658)
A;Accession: B47469
A;Molecule type: protein
A;Residues: 84-98 <CA2>
A;Cross-references: UNIPARC:UPI000176786
A;Experimental source: EL-4 lymphoma cells
A;Note: sequence extracted from NCBI backbone (NCBIP:129660)
C;Comment: This antigen is widely expressed on leukocytes and is likely to be anchored to

C;Superfamily: B-cell surface glycoprotein blast-1
C;Keywords: blocked carboxyl end; glycoprotein; lipoprotein; phosphatidylinositol linkag
F;1-22/Domain: signal sequence #status predicted <SIG>
F;23-217/Product: antigen BCM1 #status predicted <MAT>
F;218-240/Domain: carboxyl-terminal propeptide #status predicted <CPT>
F;32,38,70,136,186,203/Binding site: carbohydrate (Asn) (covalent) #status predicted
F;217/Modified site: GPI-anchor ethanolamine amidated carboxyl end (Ser) (in mature form

Query Match   10.7%;   Score 114; DB 2; Length 240;
Best Local Similarity 20.1%;   Pred. No. 0.013;
Matches   36; Conservative   35; Mismatches 100; Indels   8; Gaps   4;

Qy   4 VKELVGSVGGAVTFPL-KSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVDFP 62
Db   28 IPDINATTGSNVTLKIHKDPLGPYKRITWLHTKNQKLEYNNSTKTIFESEFKGRVYLE 87

Qy   63 DGGYSLKLSLKKNDSGIYYVGIYSSSLQQPSTQ-EVVLHVYEHLSKPKVTMGLQSNKNG 121
Db   88 ENNGALHISNVRKEDKGTYYMRV---LRETENELKITLEVFDPVPKPSIEINKTEASTD 143

Qy 122 TCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 180
Db 144 SCHLRLSC--EVKDQHVDYTWYESSGPFPKKSPGYVLDLIVTPQNKSTFYTCQVSNPVS 200

RESULT 14
WMMSR1
biliary glycoprotein A precursor - mouse
N;Alternate names: carcinoembryonic antigen mmCGM1a; murine hepatitis virus receptor
C;Species: Mus musculus (house mouse)
C;Date: 31-Mar-1993 #sequence_revision 31-Mar-1993 #text_change 09-Jul-2004
C;Accession: JC1505; A49006; A41563; S11626; S11625
R;McCuaig, K.; Rosenberg, M.; Nedellec, P.; Turbide, C.; Beauchemin, N.
Gene 127, 173-183, 1993
A;Title: Expression of the Bgp gene and characterization of mouse colon biliary glycopro
A;Reference number: JC1505; MUID:93273228; PMID:8500759
A;Accession: JC1505
A;Molecule type: mRNA
A;Residues: 1-458 <MCC>
A;Cross-references: UNIPARC:UPI000002A627; GB:X15351; NID:g53020; PIDN:CAA33409.1; PID:g
A;Note: sequence extracted from NCBI backbone (NCBIN:109445, NCBIP:109446)
R;Dveksler, G.S.; Pensiero, M.N.; Cardellichio, C.B.; Williams, R.K.; Jiang, G.S.; Holme
J. Virol. 65, 6881-6891, 1991
A;Title: Cloning of the mouse hepatitis virus (MHV) receptor: expression in human and ha
A;Reference number: A41563; MUID:92046352; PMID:1719235
A;Accession: A41563
A;Molecule type: mRNA
A;Residues: 1-458 <DVE>
A;Cross-references: UNIPARC:UPI000002A627; GB:X15351, May 1990
A;Beauchemin, N.
submitted to the EMBL Data Library, May 1990
A;Reference number: S11626
A;Accession: S11626
A;Molecule type: mRNA
A;Residues: 'PQ',82-458 <BEA>
A;Cross-references: UNIPARC:UPI0000173866; EMBL:X15351
R;Beauchemin, N.; Turbide, C.; Afar, D.; Bell, J.; Raymond, M.; Stanners, C.P.; Fuks, A.
Cancer Res. 49, 2017-2021, 1989
A;Title: A mouse analogue of the human carcinoembryonic antigen.
A;Reference number: S11625; MUID:89195121; PMID:2702644
A;Accession: S11625
A;Molecule type: mRNA
A;Residues: 'PQ',82-321 <BE2>
A;Cross-references: UNIPARC:UPI0000173867; EMBL:X15351

C;Comment: This protein is expressed at the cell surface and plays a determinant role in
C;Genetics:
A;Gene: BgpA
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin
C;Keywords: glycoprotein; receptor; transmembrane protein
F;1-138/Domain: carcinoembryonic antigen precursor amino-terminal homology <CEAN>
F;1-34/Domain: signal sequence #status predicted <SIG>
F;35-458/Product: biliary glycoprotein A #status predicted <MHR>
F;160-219/Domain: immunoglobulin homology <IMM1>
F;254-303/Domain: immunoglobulin homology <IMM2>
F;339-396/Domain: immunoglobulin homology <IMM3>
F;429-447/Domain: transmembrane #status predicted <TMN>
F;449-458/Domain: intracellular #status predicted <CYT>
F;71,89,104,148,152,199,206,210,226,258,290,294,304,317,333,375/Binding site: carbohydra
F;167-217,261-301,346-394/Disulfide bonds: #status predicted

Query Match   10.6%;   Score 113.5; DB 1; Length 458;
Best Local Similarity 26.6%;   Pred. No. 0.031;
Matches   46; Conservative   25; Mismatches   69; Indels   33; Gaps   9;

Qy   34 NTTPLVTIQPEGGTIIVTQNRN-------RERVDFPDGGYSLKLXLSKLKKNDSGIYYVGI 85
Db   71 NTT---AIDKEIARFVPNSNMNFTGQAYSGRE-IIYSNG--SLLFQMITMKDMGVYTLDM 124

Qy   86 YSSSLQQPSTQEYV-LHVYEHLSKPKVTMGLQSNKNGTCVTNLTCCMEHGEEDVIYTWKA 144
Db 125 TDENYRR--TQATVRFHVHPILLKPNITSNNSNPVEGDDSVSLTCDSYTDPDNINYLWSR 182

Qy 145 LGQAANESHNGSILPISWRWGESDMT------------FICVARNPVSRNFSSP 186
Db 183 NGESLSE---GDRLKLS--EGNRTLTLLNVTRNDTGPYVCETRNPVSVNRSDP 230

RESULT 15
JC1508
biliary glycoprotein D - mouse
N;Alternate names: biliary glycoprotein 1
C;Species: Mus musculus (house mouse)
C;Date: 24-Feb-1994 #sequence_revision 24-Feb-1994 #text_change 09-Jul-2004
C;Accession: JC1508; S65940; S36852
R;McCuaig, K.; Rosenberg, M.; Nedellec, P.; Turbide, C.; Beauchemin, N.
Gene 127, 173-183, 1993
A;Title: Expression of the Bgp gene and characterization of mouse colon biliary glycopro
A;Reference number: JC1505; MUID:93273228; PMID:8500759
A;Accession: JC1508
A;Molecule type: mRNA
A;Residues: 1-521 <MCC>
A;Cross-references: UNIPROT:P31809; UNIPARC:UPI000002A627; EMBL:X67279; NID:g50170; PIDN
A;Experimental source: strain CD1; tissue colon
R;Nedellec, P.; Turbide, C.; Beauchemin, N.
Eur. J. Biochem. 231, 104-114, 1995
A;Title: Characterization and transcriptional activity of the mouse biliary glycoprotein
A;Reference number: S65939; MUID:95354678; PMID:7628460
A;Accession: S65940
A;Status: translation not shown
A;Molecule type: DNA
A;Residues: 1-21 <NED>
A;Cross-references: UNIPARC:UPI0000177067; EMBL:X84054; NID:g1039337
A;Experimental source: strain BALB/c
A;Note: the nucleotide sequence was submitted to the EMBL Data Library, July 1992
A;Note: only a part of the coding sequence is given
C;Comment: This protein is expressed at the cell surface and plays a determinant role in
C;Genetics:
A;Gene: BgpD; bgp1
A;Map position: 7
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin
C;Keywords: glycoprotein; receptor; transmembrane protein
F;1-138/Domain: carcinoembryonic antigen precursor amino-terminal homology <CEAN>
F;160-219/Domain: immunoglobulin homology <IMM1>
F;254-303/Domain: immunoglobulin homology <IMM2>
F;339-396/Domain: immunoglobulin homology <IMM3>
F;71,89,104,148,199,206,210,226,258,290,294,304,317,333,375/Binding site: carbohydrate (

Query Match   10.6%; Score 113.5; DB 2; Length 521;
Best Local Similarity 26.6%; Pred. No. 0.036;
Matches   46; Conservative 25; Mismatches 69; Indels 33; Gaps 9;

Qy   34 NTTPLVTIQPEGGTIIVTQNRN--------RERVDFPDGGYSLKLSKLKKNDSGIYYVGI 85
              |||| || | :::: || | |:|:: |
Db   71 NTT---AIDKEIARFVPNSNMNFTGQAYSGRE-IIYSNG--SLLFQMITMKDMGVYTLDM 124

Qy   86 YSSSLQQPSTQEYV-LHVYEHLSKPKVTMGLQSNKNGTCVTNLTCCMEHGEEDVIYTWKA 144
              :::: || || || | ::||| :||| : | |::: | ||
Db   125 TDENYRR--TQATVRFHVHPILLKPNITSNNSNPVEGDDSVSLTCDSYTDPDNINYLWSR 182

Qy   145 LGQAANESHNGSILPISWRWGESDMT--------FICVARNPVSRNFSSP 186
              | :::| || |: :| :: ||||||
Db   183 NGESLSE--GDRLKLS--EGNRTLTLLNVTRNDTGPYVCETRNPVSVNRSDP 230

Search completed: July 5, 2006, 10:23:26
Job time : 40 secs

```
                    GenCore version 5.1.9
            Copyright (c) 1993 - 2006  Biocceleration Ltd.

OM protein - protein search, using sw model

Run on:     July  5, 2006, 10:14:33 ; Search time 296 Seconds
                                (without alignments)
                        628.136 Million cell updates/sec

Title:       US-10-063-549-46_COPY_23_223
Perfect score: 1067
Sequence: 1 SGPVKELVGSVGGAVTFPLK........NFSSPILARKLCEGAADPD 201

Scoring table:  BLOSUM62
                Gapop 10.0 , Gapext 0.5

Searched:   2849598 seqs, 925015592 residues

Total number of hits satisfying chosen parameters:   2849598

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :   UniProt 7.2:*
             1: uniprot_sprot:*
             2: uniprot_trembl:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
```

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description	
1	1067	100.0	335	1	SLAF7_HUMAN	Q9nq25	homo sapien
2	571.5	53.6	333	1	SLAF7_MOUSE	Q8bhk6	mus musculu
3	571.5	53.6	333	2	Q3T9A2_MOUSE	Q3t9a2	mus musculu
4	288.5	27.0	539	2	Q8C9E4_MOUSE	Q8c9e4	mus musculu
5	288.5	27.0	645	2	Q6NZB6_MOUSE	Q6nzb6	mus musculu
6	288.5	27.0	649	2	Q7TMP7_MOUSE	Q7tmp7	mus musculu
7	288.5	27.0	654	1	LY9_MOUSE	Q01965	mus musculu
8	288	27.0	289	1	SLAF9_HUMAN	Q96a28	homo sapien
9	287.5	26.9	544	2	Q8C2D4_MOUSE	Q8c2d4	mus musculu
10	287.5	26.9	654	2	Q4VBG4_MOUSE	Q4vbg4	mus musculu
11	284.5	26.7	241	2	Q9UIB6_HUMAN	Q9uib6	homo sapien
12	283.5	26.6	602	2	Q5VYH7_HUMAN	Q5vyh7	homo sapien
13	283.5	26.6	655	1	LY9_HUMAN	Q9hbg7	homo sapien
14	280.5	26.3	272	2	Q9UIB7_HUMAN	Q9uib7	homo sapien
15	280.5	26.3	280	2	O95660_HUMAN	O95660	homo sapien
16	280.5	26.3	328	2	Q6FHA8_HUMAN	Q6fha8	homo sapien
17	280.5	26.3	328	2	O15430_HUMAN	O15430	homo sapien
18	280.5	26.3	339	2	Q8WWI8_HUMAN	Q8wwi8	homo sapien
19	280.5	26.3	345	2	Q9UIB8_HUMAN	Q9uib8	homo sapien
20	279.5	26.2	197	2	Q9UIT7_HUMAN	Q9uit7	homo sapien
21	275.5	25.8	526	2	Q5VYH9_HUMAN	Q5vyh9	homo sapien
22	271	25.4	285	1	SLAF9_MOUSE	Q9d780	mus musculu
23	259.5	24.3	328	2	Q3TBT1_MOUSE	Q3tbt1	mus musculu
24	259.5	24.3	329	2	Q9Z178_MOUSE	Q9z178	mus musculu
25	245	23.0	271	2	Q5BKU7_HUMAN	Q5bku7	homo sapien
26	245	23.0	331	2	Q5TAT3_HUMAN	Q5tat3	homo sapien
27	245	23.0	332	1	SLAF6_HUMAN	Q96du3	homo sapien
28	245	23.0	332	2	Q5TAS4_HUMAN	Q5tas4	homo sapien
29	231.5	21.7	424	2	Q5VYH8_HUMAN	Q5vyh8	homo sapien
30	210	19.7	167	2	Q5RBI0_PONPY	Q5rbi0	pongo pygma
31	202.5	19.0	334	2	Q3SZI9_BOVIN	Q3szi9	bos taurus
32	195.5	18.3	351	1	SLAF6_MOUSE	Q9et39	mus musculu
33	187.5	17.6	270	2	Q5VYI1_HUMAN	Q5vyi1	homo sapien
34	174.5	16.4	214	2	Q5H9R1_HUMAN	Q5h9r1	homo sapien
35	160	15.0	338	2	Q95MM6_BOVIN	Q95mm6	bos taurus
36	146.5	13.7	278	2	Q3UQA2_MOUSE	Q3uqa2	mus musculu
37	145.5	13.6	278	1	SLAF8_MOUSE	Q9d3g2	mus musculu
38	144.5	13.5	326	2	Q3U1C3_MOUSE	Q3u1c3	mus musculu
39	143.5	13.4	326	2	Q8CAU4_MOUSE	Q8cau4	mus musculu
40	143.5	13.4	343	1	SLAF1_MOUSE	Q9qum4	mus musculu
41	143.5	13.4	343	2	Q3TA28_MOUSE	Q3ta28	mus musculu
42	143.5	13.4	343	2	Q544K1_MOUSE	Q544k1	m adult mal
43	142	13.3	207	2	Q9HBE9_HUMAN	Q9hbe9	homo sapien
44	142	13.3	335	1	SLAF1_HUMAN	Q13291	homo sapien
45	142	13.3	335	2	Q96QR3_HUMAN	Q96qr3	homo sapien

ALIGNMENTS

```
RESULT 1
SLAF7_HUMAN
ID   SLAF7_HUMAN     STANDARD;       PRT;    335 AA.
AC   Q9NQ25; Q8N6Y8; Q8ND32; Q9NY08; Q9NY23;
DT   24-MAY-2005, integrated into UniProtKB/Swiss-Prot.
DT   01-OCT-2000, sequence version 1.
DT   07-MAR-2006, entry version 35.
DE   SLAM family member 7 precursor (CD2-like receptor activating cytotoxic
DE   cells) (CRACC) (Protein 19A) (CD2 subset 1) (Novel Ly9) (Membrane
DE   protein FOAP-12) (CD319 antigen).
GN   Name=SLAMF7; Synonyms=CS1; ORFNames=UNQ576/PRO1138;
OS   Homo sapiens (Human).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae;
OC   Homo.
OX   NCBI_TaxID=9606;
RN   [1]
RP   NUCLEOTIDE SEQUENCE [MRNA] (ISOFORM 1), AND TISSUE SPECIFICITY.
RX   MEDLINE=21115149; PubMed=11220635; DOI=10.1007/s002510000274;
RA   Boles K.S., Mathew P.A.;
RT   "Molecular cloning of CS1, a novel human natural killer cell receptor
RT   belonging to the CD2 subset of the immunoglobulin superfamily.";
RL   Immunogenetics 52:302-307(2001).
RN   [2]
RP   NUCLEOTIDE SEQUENCE [MRNA] (ISOFORM 1), FUNCTION, AND TISSUE
RP   SPECIFICITY.
RX   PubMed=11698418;
RA   Bouchon A., Cella M., Grierson H.L., Cohen J.I., Colonna M.;
RT   "Activation of NK cell-mediated cytotoxicity by a SAP-independent
RT   receptor of the CD2 family.";
RL   J. Immunol. 167:5517-5521(2001).
RN   [3]
RP   NUCLEOTIDE SEQUENCE [MRNA] (ISOFORMS 1 AND 3), FUNCTION, AND TISSUE
RP   SPECIFICITY.
RX   MEDLINE=21661458; PubMed=11802771; DOI=10.1042/0264-6021:3610431;
RA   Murphy J.J., Hobby P., Vilarino-Varela J., Bishop B., Iordanidou P.,
RA   Sutton B.J., Norton J.D.;
RT   "A novel immunoglobulin superfamily receptor (19A) related to CD2 is
RT   expressed on activated lymphocytes and promotes homotypic B-cell
RT   adhesion.";
RL   Biochem. J. 361:431-436(2002).
RN   [4]
RP   NUCLEOTIDE SEQUENCE [MRNA] (ISOFORM 1).
RC   TISSUE=Macrophage;
RA   Fujii Y., Takayama K., Tsuritani K., Yajima Y., Amemiya T., Ukai Y.,
RA   Naito K., Kawaguchi A.;
RT   "Homo sapiens mRNA for FOAP-12 protein, complete cds.";
RL   Submitted (MAY-1999) to the EMBL/GenBank/DDBJ databases.
RN   [5]
RP   NUCLEOTIDE SEQUENCE [LARGE SCALE MRNA].
RX   MEDLINE=22887296; PubMed=12975309; DOI=10.1101/gr.1293003;
RA   Clark H.F., Gurney A.L., Abaya E., Baker K., Baldwin D.T., Brush J.,
RA   Chen J., Chow B., Chui C., Crowley C., Currell B., Deuel B., Dowd P.,
RA   Eaton D., Foster J.S., Grimaldi C., Gu Q., Hass P.E., Heldens S.,
```

```
RA   Huang A., Kim H.S., Klimowski L., Jin Y., Johnson S., Lee J.,
RA   Lewis L., Liao D., Mark M.R., Robbie E., Sanchez C., Schoenfeld J.,
RA   Seshagiri S., Simmons L., Singh J., Smith V., Stinson J., Vagts A.,
RA   Vandlen R.L., Watanabe C., Wieand D., Woods M.-H., Stinson J., Vagts A.,
RA   Yansura D.G., Yi S., Yu G., Yuan J., Zhang M., Zhang Z., Goddard A.D.,
RA   Wood W.I., Godowski P.J., Gray A.M.;
RT   "The secreted protein discovery initiative (SPDI), a large-scale
RT   effort to identify novel human secreted and transmembrane proteins: a
RT   bioinformatics assessment.";
RL   Genome Res. 13:2265-2270(2003).
RN   [6]
RP   NUCLEOTIDE SEQUENCE [LARGE SCALE MRNA] (ISOFORM 2).
RC   TISSUE=Lymph node;
RG   The German cDNA consortium;
RL   Submitted (SEP-2004) to the EMBL/GenBank/DDBJ databases.
RN   [7]
RP   NUCLEOTIDE SEQUENCE [LARGE SCALE GENOMIC DNA].
RG   Human chromosome 1 international sequencing consortium;
RL   Submitted (DEC-2004) to the EMBL/GenBank/DDBJ databases.
RN   [8]
RP   NUCLEOTIDE SEQUENCE [LARGE SCALE MRNA] (ISOFORM 3).
RC   TISSUE=Fetal lung, and Fetal spleen;
RX   MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;
RA   Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA   Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA   Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA   Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA   Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA   Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA   Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RA   Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RA   Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA   Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA   Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA   Fahey J., Helton E., Ketteman M., Madan A., Rodrigues S., Sanchez A.,
RA   Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA   Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA   Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M.,
RA   Butterfield Y.S.N., Krzywinski M.I., Skalska U., Smailus D.E.,
RA   Schnerch A., Schein J.E., Jones S.J.M., Marra M.A.;
RT   "Generation and initial analysis of more than 15,000 full-length human
RT   and mouse cDNA sequences.";
RL   Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
RN   [9]
RP   PROTEIN SEQUENCE OF 23-37.
RX   PubMed=15340161; DOI=10.1110/ps.04682504;
RA   Zhang Z., Henzel W.J.;
RT   "Signal peptide prediction based on analysis of experimentally
RT   verified cleavage sites.";
RL   Protein Sci. 13:2819-2824(2004).
RN   [10]
RP   ALTERNATIVE SPLICING.
RX   PubMed=15368295; DOI=10.1002/eji.200424917;
RA   Lee J.K., Boles K.S., Mathew P.A.;
RT   "Molecular and functional characterization of a CS1 (CRACC) splice
RT   variant expressed in human NK cells that does not contain
RT   immunoreceptor tyrosine-based switch motifs.";
RL   Eur. J. Immunol. 34:2791-2799(2004).
RN   [11]
RP   TISSUE SPECIFICITY, AND SAP-BINDING.
RX   MEDLINE=22226696; PubMed=12245590; DOI=10.1007/s00251-002-0483-3;
RA   Tovar V., Del Valle J., Zapater N., Martin M., Romero X., Pizcueta P.,
RA   Bosch J., Terhorst C., Engel P.;
RT   "Mouse novel Ly9 is a new member of the expanding CD150 (SLAM) family of
RT   leukocyte cell-surface receptors.";
RL   Immunogenetics 54:394-402(2002).
CC   -!- FUNCTION: Isoform 1 mediates NK cell activation through a SAP-
CC       independent extracellular signal-regulated ERK-mediated pathway.
CC       May play a role in lymphocyte adhesion. Isoform 3 does not mediate
CC       any activation. SAP can bind the cytoplasmic tail of isoform 1
CC       when phosphorylated in the presence of Fyn (in vitro).
CC   -!- SUBCELLULAR LOCATION: Membrane; single-pass type I membrane
CC       protein.
CC   -!- ALTERNATIVE PRODUCTS:
CC       Event=Alternative splicing; Named isoforms=3;
CC       Name=1; Synonyms=19A, CS1-L;
CC         IsoId=Q9NQ25-1; Sequence=Displayed;
CC       Name=2;
CC         IsoId=Q9NQ25-2; Sequence=VSP_013781;
CC         Note=No experimental confirmation available;
CC       Name=3; Synonyms=19A24, CS1-S;
CC         IsoId=Q9NQ25-3; Sequence=VSP_013782;
CC   -!- TISSUE SPECIFICITY: Expressed in spleen, lymph node, peripheral
CC       blood leukocytes, bone marrow, small intestine, stomach, appendix,
CC       lung and trachea. Expression was detected in NK cells, activated
CC       B-cell, NK-cell line but not in promyelocytic, B-, or T-cell
CC       lines. The isoform 3 is expressed at much lower level tha isoform
CC       1.
CC   -!- SIMILARITY: Contains 1 Ig-like C2-type (immunoglobulin-like)
CC       domain.
CC   -!- CAUTION: Ref.3 (CAB76561) sequence differs from that shown due to
CC       frameshifts.
CC   ---------------------------------------------------------------------------
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC   ---------------------------------------------------------------------------
DR   EMBL; AF291815; AAK11549.1; -; mRNA.
DR   EMBL; AF390894; AAL26989.1; -; mRNA.
DR   EMBL; AJ271869; CAB76561.1; ALT_FRAME; mRNA.
DR   EMBL; AJ276429; CAB81950.2; -; mRNA.
DR   EMBL; AB027233; BAB61022.1; -; mRNA.
DR   EMBL; AY358512; AAQ88876.1; -; mRNA.
DR   EMBL; AL834424; CAD39085.1; -; mRNA.
DR   EMBL; AL121995; CAC00579.1; -; Genomic_DNA.
DR   EMBL; AL121985; CAH73507.1; -; Genomic_DNA.
DR   EMBL; AL121985; CAH73508.1; -; Genomic_DNA.
DR   EMBL; BC027867; AAH27867.1; -; mRNA.
DR   Ensembl; ENSG00000026751; Homo sapiens.
DR   HGNC; HGNC:21394; SLAMF7.
DR   MIM; 606625; gene.
DR   GO; GO:0016020; C:membrane; NAS.
DR   GO; GO:0007155; P:cell adhesion; NAS.
DR   GO; GO:0030101; P:natural killer cell activation; NAS.
DR   GO; GO:0042267; P:natural killer cell mediated cytotoxicity; NAS.
DR   InterPro; IPR007110; Ig-like.
DR   InterPro; IPR013106; V-set.
DR   Pfam; PF07686; V-set; 1.
DR   PROSITE; PS50835; IG_LIKE; 1.
KW   Alternative splicing; Direct protein sequencing; Glycoprotein;
KW   Immunoglobulin domain; Membrane; Receptor; Signal; Transmembrane.
FT   SIGNAL         1     22
FT   CHAIN         23    335       SLAM family member 7.
FT                                 /FTId=PRO_000014963.
FT   TOPO_DOM      23    226       Extracellular (Potential).
FT   TRANSMEM     227    247       Potential.
FT   TOPO_DOM     248    335       Cytoplasmic (Potential).
FT   DOMAIN       131    206       Ig-like C2-type.
FT   CARBOHYD      98     98       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD     142    142       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD     148    148       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD     172    172       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD     176    176       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD     204    204       N-linked (GlcNAc...) (Potential).
FT   DISULFID     145    215       Potential.
FT   DISULFID     151    195       By similarity.
FT   VARSPLIC      19    125       Missing (in isoform 2).
FT                                 /FTId=VSP_013781.
FT   VARSPLIC     258    296       YIBEKKRVDICRETPNICPHSGENTEYDTIPHTNRTLLK
FT                                 -> NNPKGRSSKYGLLHCGNTEKDGKSPLTAHDARHTKAIC
FT                                 L (in isoform 3).
FT                                 /FTId=VSP_013782.
FT   CONFLICT     135    135       M -> L (in Ref. 3).
SQ   SEQUENCE   335 AA;  37421 MW;  D09ABCFF74BE8D4 CRC64;

Query Match              100.0%;   Score 1067;  DB 1;  Length 335;
Best Local Similarity    100.0%;   Pred. No. 9.2e-89;
```

```
Matches  201;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy    1  SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD   60
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   23  SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD   82

Qy   61  FPDGGYSLKLSLKLKKNDSGIYYVGIYYSSLQPSTQEYVLHVYEHLSKPKVTMGLQSNKDN  120
         ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   83  FPDGGYSLKLSLKLKKNDSGIYYVGIYYSSLQPSTQEYVLHVYEHLSKPKVTMGLQSNKDN  142

Qy  121  GTCVTNLTCCMEHGEBDVIYTWKALGQAANESHNGSILPISWRWGBSDMTFICVARNPVS  180
         |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  143  GTCVTNLTCCMEHGEBDVIYTWKALGQAANESHNGSILPISWRWGBSDMTFICVARNPVS  202

Qy  181  RNFSSPILARKLCEGAADDPD  201
         |||||||||||||||||||||
Db  203  RNFSSPILARKLCEGAADDPD  223


RESULT 2
SLAF7_MOUSE
ID   SLAF7_MOUSE     STANDARD;      PRT;   333 AA.
AC   Q8BHK6; Q8BTL2; Q8CJ63; Q8CJ64; Q8CJ65; Q91XA0;
DT   24-MAY-2005, integrated into UniProtKB/Swiss-Prot.
DT   24-MAY-2005, sequence version 2.
DT   07-FEB-2006, entry version 21.
DE   SLAM family member 7 precursor (Leukocyte cell-surface antigen) (Novel
DE   Ly9).
GN   Name=Slamf7;
OS   Mus musculus (Mouse).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurognathi;
OC   Muroidea; Muridae; Murinae; Mus.
OX   NCBI_TaxID=10090;
RN   [1]
RP   NUCLEOTIDE SEQUENCE [MRNA] (ISOFORMS 2 AND 3).
RC   STRAIN=BALB/c. and C57BL/6; TISSUE=Thymus;
RX   MEDLINE=22226696; PubMed=12242590; DOI=10.1007/s00251-002-0483-3;
RA   Tovar V., Del Valle J., Zapater N., Martin M., Romero X., Pizcueta P.,
RA   Bosch J., Terhorst C., Engel P.;
RT   "Mouse novel Ly9: a new member of the expanding CD150 (SLAM) family of
RT   leukocyte cell-surface receptors.";
RL   Immunogenetics 54:394-402(2002).
RN   [2]
RP   NUCLEOTIDE SEQUENCE [LARGE SCALE MRNA] (ISOFORMS 1 AND 2).
RC   STRAIN=C57BL/6J; TISSUE=Aorta, Testis, and Vein;
RX   PubMed=16141072; DOI=10.1126/science.1112014;
RA   Carninci P., Kasukawa T., Katayama S., Gough J., Frith M.C., Maeda N.,
RA   Oyama R., Ravasi T., Lenhard B., Wells C., Kodzius R., Shimokawa K.,
RA   Bajic V.B., Brenner S.E., Batalov S., Forrest A.R., Zavolan M.,
RA   Davis M.J., Wilming L.G., Aidinis V., Allen J.E.,
RA   Ambesi-Impiombato A., Apweiler R., Aturaliya R.N., Bailey T.L.,
RA   Bansal M., Baxter L., Beisel K.W., Bersano T., Bono H., Chalk A.M.,
RA   Chiu K.P., Choudhary V., Christoffels A., Clutterbuck D.R.,
RA   Crowe M.L., Dalla E., Dalrymple B.P., de Bono B., Della Gatta G.,
RA   di Bernardo D., Down T., Engstrom P., Fagiolini M., Faulkner G.,
RA   Fletcher C.F., Fukushima T., Furuno M., Futaki S., Gariboldi M.,
RA   Georgii-Hemming P., Gingeras T.R., Gojobori T., Green R.E.,
RA   Gustincich S., Harbers M., Hayashi Y., Hensch T.K., Hirokawa N.,
RA   Hill D., Huminiecki L., Iacono M., Ikeo K., Iwama A., Ishikawa T.,
RA   Jakt M., Kanapin A., Katoh M., Kawasawa Y., Kelso J., Kitamura H.,
RA   Kitano H., Kollias G., Krishnan S.P., Kruger A., Kummerfeld S.K.,
RA   Kurochkin I.V., Lareau L.F., Lazarevic D., Lipovich L., Liu J.,
RA   Liuni S., McWilliam S., Madan Babu M., Madera M., Marchionni L.,
RA   Matsuda H., Matsuzawa S., Miki H., Mignone F., Miyake S., Morris K.,
RA   Mottagui-Tabar S., Mulder N., Nakano N., Nakauchi H., Ng P.,
RA   Nilsson R., Nishiguchi S., Nishikawa S., Nori F., Ohara O.,
RA   Okazaki Y., Orlando V., Pang K.C., Pavan W.J., Pavesi G., Pesole G.,
RA   Petrovsky N., Piazza S., Reed J., Reid J.F., Ring B.Z., Ringwald M.,
RA   Rost B., Ruan Y., Salzberg S.L., Sandelin A., Schneider C.,
RA   Schonbach C., Sekiguchi K., Semple C.A., Seno S., Sessa L., Sheng Y.,
RA   Shibata Y., Shimada H., Shimada K., Silva D., Sinclair B.,
RA   Sperling S., Stupka E., Sugiura K., Sugiura R., Sultana R., Takenaka Y., Taki K.,
RA   Tammoja K., Tan S.L., Tang S., Taylor M.S., Tegner J., Teichmann S.A.,
RA   Ueda H.R., van Nimwegen E., Verardo R., Wei C.L., Yagi K.,
RA   Yamanishi H., Zabarovsky E., Zhu S., Zimmer A., Hide W., Bult C.,
RA   Grimmond S.M., Teasdale R.D., Liu E.T., Brusic V., Quackenbush J.,
RA   Wahlestedt C., Mattick J.S., Hume D.A., Kai C., Sasaki D., Tomaru Y.,
RA   Fukuda S., Kanamori-Katayama M., Suzuki M., Aoki J., Arakawa T.,
RA   Iida J., Imamura K., Itoh M., Kato T., Kawaji H., Kawagashira N.,
RA   Kawashima T., Kojima M., Kondo S., Konno H., Nakano K., Ninomiya N.,
RA   Nishio T., Okada M., Plessy C., Shibata K., Shiraki T., Suzuki S.,
RA   Tagami M., Waki K., Watahiki A., Okamura-Oho Y., Suzuki H., Kawai J.,
RA   Hayashizaki Y.;
RT   "The transcriptional landscape of the mammalian genome.";
RL   Science 309:1559-1563(2005).
RN   [3]
RP   NUCLEOTIDE SEQUENCE [LARGE SCALE MRNA] (ISOFORM 4).
RC   STRAIN=FVB/N; TISSUE=Salivary gland;
RX   MEDLINE=22388257; PubMed=1477932; DOI=10.1073/pnas.242603899;
RA   Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA   Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA   Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA   Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA   Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA   Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA   Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RA   Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RA   Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA   Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA   Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA   Fahey J., Helton E., Ketteman M., Madan A., Rodrigues S., Sanchez A.,
RA   Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA   Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA   Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M.,
RA   Butterfield Y.S.N., Krzywinski M.I., Skalska U., Smailus D.E.,
RA   Schnerch A., Schein J.E., Jones S.J.M., Marra M.A.;
RT   "Generation and initial analysis of more than 15,000 full-length human
RT   and mouse cDNA sequences.";
RL   Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
CC   -!- FUNCTION: Mediates NK cell activation through a SAP-independent
CC       extracellular signal-regulated ERK-mediated pathway. May play a
CC       role in lymphocyte adhesion (By similarity). Isoform 1 does not
CC       bind SAP (in vitro).
CC   -!- SUBCELLULAR LOCATION: Membrane; single-pass type I membrane
CC       protein.
CC   -!- ALTERNATIVE PRODUCTS:
CC       Event=Alternative splicing; Named isoforms=4;
CC       Name=1;
CC         IsoId=Q8BHK6-1; Sequence=Displayed;
CC       Name=2;
CC         IsoId=Q8BHK6-2; Sequence=VSP_013784;
CC       Name=3;
CC         IsoId=Q8BHK6-3; Sequence=VSP_013783, VSP_013784;
CC       Name=4;
CC         IsoId=Q8BHK6-4; Sequence=VSP_013783;
CC         Note=No experimental confirmation available;
CC   -!- TISSUE SPECIFICITY: Expressed in spleen, lymph node, bone marrow
CC       and testis. Lower levels detected in thymus. Expressed in NK cells
CC       and B-cells.
CC   -!- SIMILARITY: Contains 1 Ig-like C2-type (immunoglobulin-like)
CC       domain.
CC   -!- CAUTION: Ref.3 sequence differs from that shown due to a
CC       frameshift in position 255.
CC   -----------------------------------------------------------------------
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC   -----------------------------------------------------------------------
DR   EMBL; AF467909; AAN63158.1; -; mRNA.
DR   EMBL; AF467910; AAN63159.1; -; mRNA.
DR   EMBL; AF467911; AAN63160.1; -; mRNA.
DR   EMBL; AK030135; BAC26801.1; -; mRNA.
DR   EMBL; AK030148; BAC26810.1; -; mRNA.
DR   EMBL; AK040678; BAC30665.1; -; mRNA.
DR   EMBL; AK089525; BAC40914.1; -; mRNA.
DR   EMBL; BC011154; AAH11154.1; ALT_FRAME; mRNA.
```

```
DR   Ensembl; ENSMUSG00000038179; Mus musculus.
DR   MGI; MGI:1922595; Slamf7.
DR   GO; GO:0016021; C:integral to membrane; TAS.
DR   InterPro; IPR007110; Ig-like.
DR   PROSITE; PS50835; IG_LIKE; 1.
KW   Alternative splicing; Glycoprotein; Immunoglobulin domain; Membrane;
KW   Receptor; Signal; Transmembrane.
FT   SIGNAL        1     22       By similarity.
FT   CHAIN        23    333       SLAM family member 7.
FT                                /FTId=PRO_0000014964.
FT   TOPO_DOM     23    224       Extracellular (Potential).
FT   TRANSMEM    225    245       Potential.
FT   TOPO_DOM    246    333       Cytoplasmic (Potential).
FT   DOMAIN      128    203       Ig-like C2-type.
FT   CARBOHYD     42     42       N-linked (GlcNAc...)   (Potential).
FT   CARBOHYD     95     95       N-linked (GlcNAc...)   (Potential).
FT   CARBOHYD    139    139       N-linked (GlcNAc...)   (Potential).
FT   CARBOHYD    145    145       N-linked (GlcNAc...)   (Potential).
FT   CARBOHYD    156    156       N-linked (GlcNAc...)   (Potential).
FT   DISULFID    142    212       Potential.
FT   DISULFID    148    192       By similarity.
FT   VARSPLIC    255    289       Missing (in isoform 3 and isoform 4).
FT                                /FTId=VSP_013783.
FT   VARSPLIC    312    333       KSPSSLPAKPLVPRSLSFENVI -> RSCPAEHHLTCQPLS
FT                                LDHARAQ (in isoform 2 and isoform 3).
FT                                /FTId=VSP_013784.
FT   CONFLICT    118    118       V -> A (in Ref. 1; AAN63158).
FT   CONFLICT    248    248       T -> M (in Ref. 1; AAN63158 and 2).
FT   CONFLICT    253    253       G -> R (in Ref. 1; AAN63159 and 3).
SQ   SEQUENCE   333 AA;  37187 MW;  8D4DB823FBBE7129 CRC64;

Query Match             53.6%;  Score 571.5;  DB 1;  Length 333;
Best Local Similarity   54.3%;  Pred. No. 1.6e-43;
Matches  108;  Conservative   35;  Mismatches   53;  Indels   3;  Gaps   1;

Qy      1  SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD  60
           :||:|: :||:||:|| ||||  :||:|||||||||||||||| :| : |||:|::|:|:
Db     23  SGTLKKVAGALDGSVTFLNITEIKVDYVVWTFNTFPLAMVKKDG---VTSQSSNKERIV  79

Qy     61  FPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLLSKPKVTMGLQSNKN  120
           |||||| :|| ||||||||||||  |||| ||||:|||||||| || |||||||||||||
Db     80  FPDGLYSMKLSQLKKNDSGAYRAEIYSTSSQASLIQEYVLHVYKHLSRPKVTIDRQSNKN  139

Qy    121  GTCVINLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS  180
           |||||||||| |||||||||||| |||:|||||||||||||:|||||:||||||||||||
Db    140  GTCVINLTCSTDQDGENVTYSWKAVGQGDNQPHDGATLSIAWRSGEKDQALTCMARNPVS  199

Qy    181  RNFSSPILARKLCEGAADD  199
           :||:|| :|||||||||
Db    200  NSFSTPVFPQKLCEDAATD  218
```

```
RESULT 3
Q3T9A2_MOUSE
ID   Q3T9A2_MOUSE    PRELIMINARY;    PRT;    333 AA.
AC   Q3T9A2;
DT   11-OCT-2005, integrated into UniProtKB/TrEMBL.
DT   11-OCT-2005, sequence version 1.
DT   21-FEB-2006, entry version 8.
DE   Activated spleen cDNA, RIKEN full-length enriched library,
DE   clone:F83226H19 product:SLAM family member 7, full insert sequence.
GN   Name=Slamf7;
OS   Mus musculus (Mouse).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurognathi;
OC   Muroidea; Muridae; Murinae; Mus.
OX   NCBI_TaxID=10090;
RN   [1]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Activated spleen;
RX   MEDLINE=9279253; PubMed=10349636; DOI=10.1016/S0076-6879(99)03004-9;
RA   Carninci P., Hayashizaki Y.;
RT   "High-efficiency full-length cDNA cloning.";
RL   Methods Enzymol. 303:19-44(1999).
RN   [2]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Activated spleen;
RX   PubMed=16141072; DOI=10.1126/science.1112014;
RA   Carninci P., Kasukawa T., Katayama S., Gough J., Frith M.C., Maeda N.,
RA   Oyama R., Ravasi T., Lenhard B., Wells C., Kodzius R., Shimokawa K.,
RA   Bajic V.B., Brenner S.E., Batalov S., Forrest A.R., Zavolan M.,
RA   Davis M.J., Wilming L.G., Aidinis V., Allen J.E.,
RA   Ambesi-Impiombato A., Apweiler R., Aturaliya R.N., Bailey T.L.,
RA   Bansal M., Baxter L., Beisel K.W., Bersano T., Bono H., Chalk A.M.,
RA   Chiu K.P., Choudhary V., Christoffels A., Clutterbuck D.R.,
RA   Crowe M.L., Dalla E., Dalrymple B.P., de Bono B., Della Gatta G.,
RA   di Bernardo D., Down T., Engstrom P., Fagiolini M., Faulkner G.,
RA   Fletcher C.F., Fukushima T., Furuno M., Futaki S., Gariboldi M.,
RA   Georgii-Hemming P., Gingeras T.R., Gojobori T., Green R.E.,
RA   Gustincich S., Harbers M., Hayashi Y., Hensch T.K., Hirokawa N.,
RA   Hill D., Huminiecki L., Iacono M., Ikeo K., Iwama A., Ishikawa T.,
RA   Jakt M., Kanapin A., Katoh M., Kawasawa Y., Kelso J., Kitamura H.,
RA   Kitano H., Kollias G., Krishnan S.P., Kruger A., Kummerfeld S.K.,
RA   Kurochkin I.V., Lareau L.F., Lazarevic D., Lipovich L., Liu J.,
RA   Liuni S., McWilliam S., Madan Babu M., Madera M., Marchionni L.,
RA   Matsuda H., Matsuzawa S., Miki H., Mignone F., Miyake S., Morris K.,
RA   Mottagui-Tabar S., Mulder N., Nakano N., Nakauchi H., Ng P.,
RA   Nilsson R., Nishiguchi S., Nishikawa S., Nori F., Ohara O.,
RA   Okazaki Y., Orlando V., Pang K.C., Pavan W.J., Pavesi G., Pesole G.,
RA   Petrovsky N., Piazza S., Reed J., Reid J.F., Ring B.Z., Ringwald M.,
RA   Rost B., Ruan Y., Salzberg S.L., Sandelin A., Schneider C.,
RA   Schonbach C., Sekiguchi K., Semple C.A., Seno S., Sessa L., Sheng Y.,
RA   Shibata Y., Shimada H., Shimada K., Silva D., Sinclair B.,
RA   Sperling S., Stupka E., Sugiura K., Sugiura R., Takenaka Y., Taki K.,
RA   Tammoja K., Tan S.L., Tang S., Taylor M.S., Tegner J., Teichmann S.A.,
RA   Ueda H.R., van Nimwegen E., Verardo R., Wei C.L., Yagi K.,
RA   Yamanishi H., Zabarovsky E., Zhu S., Zimmer A., Hide W., Bult C.,
RA   Grimmond S.M., Teasdale R.D., Liu E.T., Brusic V., Quackenbush J.,
RA   Wahlestedt C., Mattick J.S., Hume D.A., Kai C., Sasaki D., Tomaru Y.,
RA   Fukuda S., Kanamori-Katayama M., Suzuki M., Aoki J., Arakawa T.,
RA   Iida J., Imamura K., Itoh M., Kato T., Kawaji H., Kawagashira N.,
RA   Kawashima T., Kojima M., Kondo S., Konno H., Nakano K., Ninomiya N.,
RA   Nishio T., Okada M., Plessy C., Shibata K., Shiraki T., Suzuki S.,
RA   Tagami M., Waki K., Watahiki A., Okamura-Oho Y., Suzuki H., Kawai J.,
RA   Hayashizaki Y.;
RT   "The transcriptional landscape of the mammalian genome.";
RL   Science 309:1559-1563(2005).
RN   [3]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Activated spleen;
RX   PubMed=16141073; DOI=10.1126/science.1112009;
RG   RIKEN Genome Exploration Research Group, and Genome Science Group
RG   (Genome Network Core Team) and the FANTOM Consortium;
RT   "Antisense Transcription in the Mammalian Transcriptome.";
RL   Science 309:1564-1566(2005).
RN   [4]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Activated spleen;
RX   MEDLINE=22354683; PubMed=12466851; DOI=10.1038/nature01266;
RA   Okazaki Y., Furuno M., Kasukawa T., Adachi J., Bono H., Kondo S.,
RA   Nikaido I., Osato N., Saito R., Suzuki H., Yamanaka I., Kiyosawa H.,
RA   Yagi K., Tomaru Y., Hasegawa Y., Nogami A., Schonbach C., Gojobori T.,
RA   Baldarelli R., Hill D.P., Bult C., Hume D.A., Quackenbush J.,
RA   Schriml L.M., Kanapin A., Matsuda H., Batalov S., Beisel K.W.,
RA   Blake J.A., Bradt D., Brusic V., Chothia C., Corbani L.E., Cousins S.,
RA   Dalla E., Dragani T.A., Fletcher C.F., Forrest A., Frazer K.S.,
RA   Gaasterland T., Gariboldi M., Gissi C., Godzik A., Gough J.,
RA   Grimmond S., Gustincich S., Hirokawa N., Jackson I.J., Jarvis E.D.,
RA   Kanai A., Kawaji H., Kawasawa Y., Kedzierski R.M., King B.L.,
RA   Konagaya A., Kurochkin I.V., Lee Y., Lenhard B., Lyons P.A.,
RA   Maglott D.R., Maltais L., Marchionni L., McKenzie L., Miki H.,
RA   Nagashima T., Numata K., Okido T., Pavan W.J., Pertea G., Pesole G.,
RA   Petrovsky N., Pillai R., Pontius J.U., Qi D., Ramachandran S.,
RA   Ravasi T., Reed J.C., Reed D.J., Reid J., Ring B.Z., Ringwald M.,
RA   Sandelin A., Schneider C., Semple C.A., Setou M., Shimada K.,
RA   Sultana R., Takenaka Y., Taylor M.S., Teasdale R.D., Tomita M.,
```

RA   Verardo R., Wagner L., Wahlestedt C., Wang Y., Watanabe Y., Wells C.,
RA   Wilming L.G., Wynshaw-Boris A., Yanagisawa M., Yang I., Yang L.,
RA   Yuan Z., Zavolan M., Zhu Y., Zimmer A., Carninci P., Hayatsu N.,
RA   Hirozane-Kishikawa T., Konno H., Nakamura M., Sakazume N., Sato K.,
RA   Shiraki T., Waki K., Kawai J., Aizawa J., Arakawa T., Fukuda I.,
RA   Hara A., Hashizume W., Imotani K., Ishii Y., Itoh M., Kagawa I.,
RA   Miyazaki A., Sakai K., Sasaki D., Shibata K., Shinagawa A.,
RA   Yasunishi A., Yoshino M., Waterston R., Lander E.S., Rogers J.,
RA   Birney E., Hayashizaki Y.;
RT   "Analysis of the mouse transcriptome based on functional annotation of
RT   60,770 full-length cDNAs.";
RL   Nature 420:563-573(2002).
RN   [5]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Activated spleen;
RX   MEDLINE=21085660; PubMed=11217851; DOI=10.1038/35055500;
RA   Kawai J., Shinagawa A., Shibata K., Yoshino M., Itoh M., Ishii Y.,
RA   Arakawa T., Hara A., Fukunishi Y., Konno H., Adachi J., Fukuda S.,
RA   Aizawa K., Izawa M., Nishi K., Kiyosawa H., Kondo S., Yamanaka I.,
RA   Saito T., Okazaki Y., Gojobori T., Bono H., Kasukawa T., Saito R.,
RA   Kadoca K., Matsuda H.A., Ashburner M., Batalov S., Casavant T.,
RA   Fleischmann W., Gaasterland T., Gissi C., King B., Kochiwa H.,
RA   Kuehl P., Lewis S., Matsuo Y., Nikaido I., Pesole G., Quackenbush J.,
RA   Schriml L.M., Staubli F., Suzuki R., Tomita M., Wagner L., Washio T.,
RA   Sakai K., Okido T., Furuno M., Aono H., Baldarelli R., Barsh G.,
RA   Blake J., Boffelli D., Bojunga N., Carninci P., de Bonaldo M.F.,
RA   Brownstein M.J., Bult C., Fletcher C., Fujita M., Gariboldi M.,
RA   Gustincich S., Hill D., Hofmann M., Hume D.A., Kamiya M., Lee N.H.,
RA   Lyons P., Marchionni L., Mashima J., Mazzarelli J., Mombaerts P.,
RA   Nordone P., Ring B., Ringwald M., Rodriguez I., Sakamoto N.,
RA   Sasaki H., Sato K., Schoenbach C., Seya T., Shibata Y., Storch K.-F.,
RA   Suzuki H., Toyo-oka K., Wang K.H., Weitz C., Whittaker C., Wilming L.,
RA   Wynshaw-Boris A., Yoshida K., Hasegawa Y., Kawaji H., Kohtsuki S.,
RA   Hayashizaki Y.;
RT   "Functional annotation of a full-length mouse cDNA collection.";
RL   Nature 409:685-690(2001).
RN   [6]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Activated spleen;
RX   MEDLINE=20499374; PubMed=11042159; DOI=10.1101/gr.145100;
RA   Carninci P., Shibata Y., Hayatsu N., Sugahara Y., Shibata K., Itoh M.,
RA   Konno H., Okazaki Y., Muramatsu M., Hayashizaki Y.;
RT   "Normalization and subtraction of cap-trapper-selected cDNAs to
RT   prepare full-length cDNA libraries for rapid discovery of new genes.";
RL   Genome Res. 10:1617-1630(2000).
RN   [7]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Activated spleen;
RX   MEDLINE=20530913; PubMed=11076861; DOI=10.1101/gr.152600;
RA   Shibata K., Itoh M., Aizawa K., Nagaoka S., Sasaki N., Carninci P.,
RA   Konno H., Akiyama J., Nishi K., Kitsunai T., Tashiro H., Itoh M.,
RA   Sumi N., Ishii Y., Nakamura S., Hazama M., Nishine T., Harada A.,
RA   Yamamoto R., Matsumoto H., Sakaguchi S., Ikegami T., Kashiwagi K.,
RA   Fujiwake S., Inoue K., Togawa Y., Izawa M., Ohara E., Watahiki M.,
RA   Yoneda Y., Ishikawa T., Ozawa Y., Tanaka T., Matsuura S., Kawai J.,
RA   Okazaki Y., Muramatsu M., Inoue Y., Kira A., Hayashizaki Y.;
RT   "RIKEN integrated sequence analysis (RISA) system-384-format
RT   sequencing pipeline with 384 multicapillary sequencer.";
RL   Genome Res. 10:1757-1771(2000).
RN   [8]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Activated spleen;
RX   MEDLINE=20530913; PubMed=11076861; DOI=10.1101/gr.152600;
RA   Arakawa T., Carninci P., Fukuda S., Fukuda K., Hashizume W., Hayashida K.,
RA   Hori F., Iida J., Imamura K., Imotani K., Itoh M., Kanagawa S.,
RA   Kawai J., Kojima M., Konno H., Murata M., Nakamura M., Ninomiya N.,
RA   Nishiyori H., Nomura K., Ohno M., Sakazume N., Sano H., Sasaki D.,
RA   Shibata K., Shiraki T., Tagami M., Tagami Y., Waki K., Watahiki A.,
RA   Muramatsu M., Hayashizaki Y.;
RL   Submitted (APR-2004) to the EMBL/GenBank/DDBJ databases.
CC   ---
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC   ---

DR   EMBL; AK172665; BAE43122.1; -; mRNA.
DR   MGI; MGI:1922595; Slamf7.
DR   GO; GO:0016021; C:integral to membrane; RCA.
DR   InterPro; IPR007110; Ig-like.
DR   PROSITE; PS50835; IG_LIKE; 1.
KW   Immunoglobulin domain.
SQ   SEQUENCE   333 AA; 37287 MW; 96SA0988E40FC129 CRC64;

Query Match   53.6%; Score 571.5; DB 2; Length 333;
Best Local Similarity   54.3%; Pred. No. 1.6e-43;
Matches 108; Conservative 35; Mismatches 53; Indels 3; Gaps 1;

Qy   1 SGPVKELVGSVGGAVTFPLKSKVKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNRNRERVD 60
            |||:||:|::|||:|:||| | ||| ||:|::||| ||||::|||: |: |: |||:
Db   23 SGTLKKVAGALDGSVTFTLNITEIKVDYVVWTPNTFFLAMVKKDG---VTSQSSNKERIV 79

Qy   61 FPDDGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEVLHVYEHLSKPKVTMGLQSNQN 120
           ||||| ||||||||||:|||| |||:|||||| : | | ||||:|||||| |:|||||:|
Db   80 FPDGLYSMKLSQLKKNDSGAYRAEIYSTSSQASLIQEVLHVYKHLSRPKVTIDRQSNQN 139

Qy   121 GTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVS 180
           ||||:|| |||| ||| ||||| || : :||: :||:|:|:|: |:|| || | ||||||
Db   140 GTCVINJTCSTDQDGENVTYSWKAVGQGDNQFHDGATLSIAWRSGEKDQALTCMARNPVS 199

Qy   181 RNFSSPILARKLCEGAADD 199
           | |:::| |||:|||| |
Db   200 NSFSTPVFPQKLCEDAATD 218

RESULT 4
Q8C9E4_MOUSE
ID   Q8C9E4_MOUSE   PRELIMINARY;   PRT;   539 AA.
AC   Q8C9E4;
DT   01-MAR-2003, integrated into UniProtKB/TrEMBL.
DT   11-OCT-2005, sequence version 2.
DT   07-FEB-2006, entry version 17.
DE   3 days neonate thymus cDNA, RIKEN full-length enriched library,
DE   clone:A630078M16 product:lymphocyte antigen 9, full insert sequence.
DE   (Fragment).
GN   Name=Ly9;
OS   Mus musculus (Mouse).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurognathi;
OC   Muroidea; Muridae; Murinae; Mus.
OX   NCBI_TaxID=10090;
RN   [1]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=C57BL/6J; TISSUE=Thymus;
RX   MEDLINE=99279253; PubMed=10349636; DOI=10.1016/S0076-6879(99)03004-9;
RA   Carninci P., Hayashizaki Y.;
RT   "High-efficiency full-length cDNA cloning.";
RL   Methods Enzymol. 303:19-44(1999).
RN   [2]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=C57BL/6J; TISSUE=Thymus;
RX   PubMed=16141072; DOI=10.1126/science.1112014;
RA   Ambesi-Impiombato A., Apweiler R., Aturaliya R.N., Bailey T.L.,
RA   Bansal M., Baxter L., Beisel K.W., Bersano T., Bono H., Chalk A.M.,
RA   Chiu K.P., Choudhary V., Christoffels A., Clutterbuck D.R.,
RA   Crowe M.L., Dalla E., Dalrymple B.P., de Bono B., Della Gatta G.,
RA   di Bernardo D., Down T., Engstrom P., Fagiolini M., Faulkner G.,
RA   Fletcher C.F., Fukushima T., Furuno M., Futaki S., Gariboldi M.,
RA   Georgii-Hemming P., Gingeras T.R., Gojobori T., Green R.E.,
RA   Gustincich S., Harbers M., Hayashi M., Hayashizaki Y., Hensch T.K., Hirokawa N.,
RA   Hill D., Huminiecki L., Iacono M., Ikeo K., Iwama A., Ishikawa H.,
RA   Jakt M., Kanapin A., Katoh M., Kawasawa Y., Kelso J., Kitamura H.,
RA   Kitano H., Kollias G., Krishnan S.P., Kruger A., Kummerfeld S.K.,
RA   Kurochkin I.V., Lareau L.F., Lazarevic D., Lipovich L., Liu J.,
RA   Liuni S., McWilliam S., Madan Babu M., Madera M., Marchionni L.,

```
RA   Matsuda H., Matsuzawa S., Miki H., Mignone F., Miyake S., Morris K.,
RA   Mottagui-Tabar S., Mulder N., Nakano N., Nakauchi H., Ng P.,
RA   Nilsson R., Nishiguchi S., Nishikawa S., Nori F., Ohara O.,
RA   Okazaki Y., Orlando V., Pang K.C., Pavan W.J., Pavesi G., Pesole G.,
RA   Petrovsky N., Piazza S., Reed J., Reid J.F., Ring B.Z., Ringwald M.,
RA   Rost B., Ruan Y., Salzberg S.L., Sandelin A., Schneider C.,
RA   Schonbach C., Sekiguchi K., Semple C.A., Seno S., Sessa L., Sheng Y.,
RA   Shibata Y., Shimada H., Shimada K., Silva D., Sinclair B.,
RA   Sperling S., Stupka E., Sugiura K., Sultana R., Takenaka Y., Taki K.,
RA   Tammoja K., Tan S.L., Tang S., Taylor M.S., Tegner J., Teichmann S.A.,
RA   Ueda H.R., van Nimwegen E., Verardo R., Wei C.L., Yagi K.,
RA   Yamanishi H., Zabarovsky E., Zhu S., Zimmer A., Hide W., Bult C.,
RA   Grimmond S.M., Teasdale R.D., Liu E.T., Brusic V., Quackenbush J.,
RA   Wahlestedt C., Mattick J.S., Hume D.A., Kai C., Sasaki D., Tomaru Y.,
RA   Fukuda S., Kanamori-Katayama M., Suzuki M., Aoki J., Arakawa T.,
RA   Iida J., Imamura K., Itoh M., Kato T., Kawaji H., Kawagashira N.,
RA   Kawashima T., Kojima M., Kondo S., Konno H., Nakano K., Ninomiya N.,
RA   Nishio T., Okada M., Plessy C., Shibata Y., Shiraki T., Suzuki S.,
RA   Tagami M., Waki K., Watahiki A., Okamura-Oho Y., Suzuki H., Kawai J.,
RA   Hayashizaki Y.;
RT   "The transcriptional landscape of the mammalian genome.";
RL   Science 309:1559-1563(2005).
RN   [3]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=C57BL/6J; TISSUE=Thymus;
RX   PubMed=16141073; DOI=10.1126/science.1112009;
RG   RIKEN Genome Exploration Research Group, and Genome Science Group
RG   (Genome Network Core Team) and the FANTOM Consortium;
RT   "Antisense Transcription in the Mammalian Transcriptome.";
RL   Science 309:1564-1566(2005).
RN   [4]
RP   NUCLEOTIDE SEQUENCE.
RC   TISSUE=Thymus; STRAIN=C57BL/6J;
RX   MEDLINE=22354683; PubMed=12466851; DOI=10.1038/nature01266;
RA   Okazaki Y., Furuno M., Kasukawa T., Adachi J., Bono H., Kondo S.,
RA   Nikaido I., Osato N., Saito R., Suzuki H., Yamanaka I., Kiyosawa H.,
RA   Yagi K., Tomaru Y., Hasegawa Y., Nogami A., Schonbach C., Gojobori T.,
RA   Baldarelli R., Hill D.P., Bult C., Hume D.A., Quackenbush J.,
RA   Schriml L.M., Brat J.A., Bradt V., Chothia C., Corbani L.B., Cousins S.,
RA   Blake J.A., Bult C., Brusic V., Matsuda H., Batalov S., Beisel K.W.,
RA   Dalla E., Dragani T.A., Fletcher C.F., Forrest A., Frazer K.S.,
RA   Gaasterland T., Gariboldi M., Gissi C., Godzik A., Gough J.,
RA   Grimmond S., Gustincich S., Hirokawa N., Jackson I.J., Jarvis E.D.,
RA   Kanai A., Kawaji H., Kawasawa Y., Kedzierski R.M., King B.L.,
RA   Konagaya A., Kurochkin I.V., Lee Y., Lenhard B., Lyons P.A.,
RA   Maglott D.R., Maltais L., Marchionni L., McKenzie L., Miki H.,
RA   Nagashima T., Numata K., Okido T., Pavan W.J., Pertea G., Pesole G.,
RA   Petrovsky N., Pillai R., Pontius J.U., Qi D., Ramachandran S.,
RA   Ravasi T., Reed J.C., Reed D.J., Reid J., Ring B.Z., Ringwald M.,
RA   Sandelin A., Schneider C., Semple C.A., Setou M., Shimada K.,
RA   Sultana R., Takenaka Y., Taylor M.S., Teasdale R.D., Tomita M.,
RA   Verardo R., Wagner L., Wahlestedt C., Wang Y., Watanabe Y., Wells C.,
RA   Wilming L.G., Wynshaw-Boris A., Yanagisawa M., Yang I., Yang L.,
RA   Yuan Z., Zavolan M., Zhu Y., Zimmer A., Carninci P., Hayatsu N.,
RA   Hirozane-Kishikawa T., Konno H., Nakamura M., Sakazume N., Sato K.,
RA   Shiraki T., Waki K., Kawai J., Aizawa K., Arakawa T., Fukuda S.,
RA   Hara A., Hashizume W., Imotani K., Ishii Y., Itoh M., Kagawa I.,
RA   Miyazaki A., Sakai K., Sasaki D., Shibata K., Shinagawa A.,
RA   Yasunishi A., Yoshino M., Waterston R., Lander E.S., Rogers J.,
RA   Birney E., Hayashizaki Y.;
RT   "Analysis of the mouse transcriptome based on functional annotation of
RT   60,770 full-length cDNAs.";
RL   Nature 420:563-573 (2002).
RN   [5]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=C57BL/6J; TISSUE=Thymus;
RX   MEDLINE=21085660; PubMed=11217851; DOI=10.1038/35055500;
RA   Kawai J., Shinagawa A., Shibata K., Yoshino M., Itoh M., Ishii Y.,
RA   Arakawa T., Hara A., Fukunishi Y., Konno H., Adachi J., Fukuda S.,
RA   Aizawa K., Izawa M., Nishi K., Kiyosawa H., Kondo S., Yamanaka I.,
RA   Saito T., Okazaki Y., Gojobori T., Bono H., Kasukawa T., Saito R.,
RA   Kadota K., Matsuda H.A., Ashburner M., Batalov S., Casavant T.,
RA   Fleischmann W., Gaasterland T., Gissi C., King B., Kochiwa H.,

RA   Kuehl P., Lewis S., Matsuo Y., Nikaido I., Pesole G., Quackenbush J.,
RA   Schriml L.M., Staubli F., Suzuki R., Tomita M., Wagner L., Washio T.,
RA   Sakai K., Okido T., Furuno M., Aono H., Baldarelli R., Barsh G.,
RA   Blake J., Boffelli D., Bojunga N., Carninci P., de Bonaldo M.F.,
RA   Brownstein M.J., Bult C., Fletcher C., Fujita M., Gariboldi M.,
RA   Gustincich S., Hill D., Hofmann M., Hume D.A., Kamiya M., Lee N.H.,
RA   Lyons P., Marchionni L., Mashima J., Mazzarelli J., Mombaerts P.,
RA   Nordone P., Ring B., Ringwald M., Rodriguez I., Sakamoto N.,
RA   Sasaki H., Sato K., Schoenbach C., Seya T., Shibata Y., Storch K.-F.,
RA   Suzuki H., Toyo-oka K., Wang K.H., Weitz C., Whittaker C., Wilming L.,
RA   Wynshaw-Boris A., Yoshida K., Hasegawa Y., Kawaji H., Kohtsuki S.,
RA   Hayashizaki Y.;
RT   "Functional annotation of a full-length mouse cDNA collection.";
RL   Nature 409:685-690(2001).
RN   [6]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=C57BL/6J; TISSUE=Thymus;
RX   MEDLINE=20499374; PubMed=11042159; DOI=10.1101/gr.145100;
RA   Carninci P., Shibata Y., Hayatsu N., Sugahara Y., Shibata K., Itoh M.,
RA   Konno H., Okazaki Y., Muramatsu M., Hayashizaki Y.;
RT   "Normalization and subtraction of cap-trapper-selected cDNAs to
RT   prepare full-length cDNA libraries for rapid discovery of new genes.";
RL   Genome Res. 10:1617-1630(2000).
RN   [7]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=C57BL/6J; TISSUE=Thymus;
RX   MEDLINE=20530913; PubMed=11076861; DOI=10.1101/gr.152600;
RA   Shibata K., Itoh M., Aizawa K., Nagaoka S., Sasaki N., Carninci P.,
RA   Konno H., Akiyama J., Nishi K., Kitsunai T., Tashiro H., Itoh M.,
RA   Sumi N., Ishii Y., Nakamura S., Hazama M., Nishine T., Harada A.,
RA   Yamamoto R., Matsumoto H., Sakaguchi S., Ikegami T., Kashiwagi K.,
RA   Fujiwake S., Inoue K., Togawa Y., Izawa M., Ohara E., Watahiki M.,
RA   Yoneda Y., Ishikawa T., Ozawa Y., Tanaka T., Matsuura S., Kawai J.,
RA   Okazaki Y., Muramatsu M., Inoue Y., Kira A., Hayashizaki Y.;
RT   "RIKEN integrated sequence analysis (RISA) system-384-format
RT   sequencing pipeline with 384 multicapillary sequencer.";
RL   Genome Res. 10:1757-1771(2000).
RN   [8]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=C57BL/6J; TISSUE=Thymus;
RA   Adachi J., Aizawa K., Akimura T., Arakawa T., Bono H., Carninci P.,
RA   Fukuda S., Furuno M., Hanagaki T., Hara A., Hashizume W.,
RA   Hayashida K., Hayatsu N., Hori F., Imotani K., Hiraoka T., Hirozane T.,
RA   Hori F., Imotani K., Ishii Y., Itoh M., Kagawa I., Kasukawa T.,
RA   Katoh H., Kawai J., Kojima Y., Kondo S., Konno H., Kouda M., Koya S.,
RA   Kurihara C., Matsuyama T., Miyazaki A., Murata M., Nakamura M.,
RA   Nishi K., Nomura K., Numazaki R., Ohno M., Ohsato N., Okazaki Y.,
RA   Saito R., Saitoh H., Sakai C., Sakai K., Sakazume N., Sano H.,
RA   Sasaki D., Shibata K., Shinagawa A., Shiraki T., Sogabe Y., Tagami M.,
RA   Tagawa A., Takahashi F., Takaku-Akahira S., Takeda Y., Tanaka T.,
RA   Tomaru A., Toya T., Yasunishi A., Muramatsu M., Hayashizaki Y.;
RL   Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC   -------------------------------------
DR   EMBL; AK042288; BAC31215.2; -; mRNA.
DR   MGI; MGI:96885; Ly9.
DR   GO; GO:0005615; C:extracellular space; RCA.
DR   GO; GO:0016021; C:integral to membrane; RCA.
DR   InterPro; IPR003599; Ig.
DR   InterPro; IPR007110; Ig-like.
DR   InterPro; IPR013151; Immunoglobulin.
DR   InterPro; IPR013106; V-set.
DR   SMART; SM00409; IG; 2.
DR   PROSITE; PS50835; IG_LIKE; 2.
KW   Immunoglobulin domain.
FT   NON_TER         539    539
SQ   SEQUENCE   539 AA;  60138 MW;  9CDC7FB9C64BF89 CRC64;

Query Match             27.0%;  Score 288.5;  DB 2;  Length 539;
Best Local Similarity   36.5%;
Matches   72;  Conservative   24;  Mismatches   92;  Indels    9;  Gaps    4;
```

Qy   5 KELVGSVGGAVTFPLKSK-VKQVDSIWTFNTTPLVTIQPEGGTIIVTQNR----NRER 58
        |:||:|| ||| ||| :| : ::||| ||| |||||
Db 254 KTVVGILGEPVTLPLEFRATRATKNVVWFNTS--VISQERRGAATADSRRKPKGSEERR 311

Qy   59 VDFPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSN 118
        |||:||||| |:| :|:|:|:: ||:|| : :|| ||
Db 312 VRTSDQDQSLKISQLKMEDAGPYHAYVCSEASRDPSVRHFTILVYKRLEKPSVTKSPVHM 371

Qy 119 KNGTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNP 178
        || :|| | : | |:||||| |||||| |||| |||
Db 372 MNGICEVVLTCSVDGGGNNVTYTWMPLQNKAVMSQGKSHLNVSWESGEHLPNFTCTAHNP 431

Qy 179 VSRNFSSPILARKLCEG 195
        ||||||| | |||
Db 432 VS-NSSSQFSSGTICSG 447

RESULT 5
Q6NZB6_MOUSE   PRELIMINARY;   PRT;   645 AA.
ID   Q6NZB6_MOUSE
AC   Q6NZB6;
DT   05-JUL-2004, integrated into UniProtKB/TrEMBL.
DT   05-JUL-2004, sequence version 1.
DT   07-FEB-2006, entry version 12.
DE   Ly9 protein (Fragment).
GN   Name=Ly9;
OS   Mus musculus (Mouse).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurognathi;
OC   Muroidea; Muridae; Murinae; Mus.
OX   NCBI_TaxID=10090;
RN   [1]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=C57BL/6NCr; TISSUE=Hematopoietic Stem Cell;
RX   MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;
RA   Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA   Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA   Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA   Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA   Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA   Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA   Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RA   Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RA   Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA   Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA   Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA   Fahey J., Helton E., Ketteman M., Madan A., Rodrigues S., Sanchez A.,
RA   Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA   Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA   Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M.,
RA   Butterfield Y.S.N., Krzywinski M.I., Skalska U., Smailus D.E.,
RA   Schnerch A., Schein J.E., Jones S.J.M., Marra M.A.;
RT   "Generation and initial analysis of more than 15,000 full-length human
RT   and mouse cDNA sequences.";
RL   Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
RN   [2]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=C57BL/6NCr; TISSUE=Hematopoietic Stem Cell;
RA   Strausberg R.;
RL   Submitted (FEB-2004) to the EMBL/GenBank/DDBJ databases.
CC   ---
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC   ---
DR   EMBL; BC066212; AAH66212.1; -; mRNA.
DR   Ensembl; ENSMUSG00000004707; Mus musculus.
DR   MGI; MGI:96885; Ly9.
DR   GO; GO:0005615; C:extracellular space; RCA.
DR   GO; GO:0016021; C:integral to membrane; RCA.
DR   InterPro; IPR003599; Ig.
DR   InterPro; IPR007110; Ig-like.
DR   InterPro; IPR013151; Immunoglobulin.

DR   InterPro; IPR013106; V-set.
DR   SMART; SM00409; IG; 2.
DR   PROSITE; PS50835; IG_LIKE; 2.
KW   Immunoglobulin domain.
FT   NON_TER   1
SQ   SEQUENCE   645 AA;   71884 MW;   316EF183DFD510BB CRC64;

Query Match   27.0%;   Score 288.5; DB 2;   Length 645;
Best Local Similarity   36.5%;   Pred. No. 2.4e-17;
Matches   72; Conservative 24; Mismatches 92; Indels 9; Gaps 4;

Qy   5 KELVGSVGGAVTFPLKSK-VKQVDSIWTFNTTPLVTIQPEGGTIIVTQNR----NRER 58
        |:||:|| ||| ||| :| : ::||| ||| |||||
Db 245 KTVVGILGEPVTLPLEFRATRATKNVVWFNTS--VISQERRGAATADSRRKPKGSEERR 302

Qy   59 VDFPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSN 118
        |||:||||| |:| :|:|:|:: ||:|| : :|| ||
Db 303 VRTSDQDQSLKISQLKMEDAGPYHAYVCSEASRDPSVRHFTLLVYKRLEKPSVTKSPVHM 362

Qy 119 KNGTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNP 178
        || :|| | : | |:||||| |||||| |||| |||
Db 363 MNGICEVVLTCSVDGGGNNVTYTWMPLQNKAVMSQGKSHLNVSWESGEHLPNFTCTAHNP 422

Qy 179 VSRNFSSPILARKLCEG 195
        ||||||| | |||
Db 423 VS-NSSSQFSSGTICSG 438

RESULT 6
Q7TMP7_MOUSE   PRELIMINARY;   PRT;   649 AA.
ID   Q7TMP7_MOUSE
AC   Q7TMP7;
DT   01-OCT-2003, integrated into UniProtKB/TrEMBL.
DT   01-OCT-2003, sequence version 1.
DT   07-FEB-2006, entry version 13.
DE   Ly9 protein (Fragment).
GN   Name=Ly9;
OS   Mus musculus (Mouse).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurognathi;
OC   Muroidea; Muridae; Murinae; Mus.
OX   NCBI_TaxID=10090;
RN   [1]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=C57BL/6NCr; TISSUE=Hematopoietic Stem Cell;
RX   MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;
RA   Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA   Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA   Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA   Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA   Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA   Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA   Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RA   Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RA   Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA   Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA   Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA   Fahey J., Helton E., Ketteman M., Madan A., Rodrigues S., Sanchez A.,
RA   Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA   Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA   Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M.,
RA   Butterfield Y.S.N., Krzywinski M.I., Skalska U., Smailus D.E.,
RA   Schnerch A., Schein J.E., Jones S.J.M., Marra M.A.;
RT   "Generation and initial analysis of more than 15,000 full-length human
RT   and mouse cDNA sequences.";
RL   Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
RN   [2]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=C57BL/6NCr; TISSUE=Hematopoietic Stem Cell;
RA   Strausberg R.;
RL   Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
CC   ---
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms

```
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC
DR   EMBL; BC055380; AAH55380.1; -; mRNA.
DR   HSSP; P08921; 1HNG.
DR   Ensembl; ENSMUSG00000004707; Mus musculus.
DR   MGI; MGI:96885; Ly9.
DR   GO; GO:0005615; C:extracellular space; RCA.
DR   GO; GO:0016021; C:integral to membrane; RCA.
DR   InterPro; IPR003599; Ig.
DR   InterPro; IPR007110; Ig-like.
DR   InterPro; IPR013151; Immunoglobulin.
DR   InterPro; IPR013106; V-set.
DR   SMART; SM00409; IG; 2.
DR   PROSITE; PS50835; IG_LIKE; 2.
KW   Immunoglobulin domain.
FT   NON_TER       1      1
SQ   SEQUENCE   649 AA;  72415 MW;  AD6A09381C063B34 CRC64;

Query Match             27.0%;  Score 288.5;  DB 2;  Length 649;
Best Local Similarity   36.5%;  Pred. No. 2.4e-17;
Matches   72   Conservative   24   Mismatches   92   Indels   9;   Gaps   4;

Qy    5  KELVGSVGGAVTFPLKSK-VKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNR-----NRER   58
            |:|||  |  ||::       :: |    |||:|| |||      |:|
Db  249  KTVVGIIGEPVTLPLEFRATRATKNVWVFNTS--VISQERRGAATADSRRKPKGSEERR  306

Qy   59  VDFPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSN  118
            |  ||    ||| ||  ||| ::|  |  |:     | ||    |:|||    ||| ||:||
Db  307  VRTSDQDQSLKISQLKMEDAGPYHAYVCSEASRDPSVRHFTLLVYKRLEKPSVTKSPVHM  366

Qy  119  KNGTCVTNLTCCMEHGEEDVITWKALGQAANESHNGSILPISWRWGESDMTFICVARNP   178
            |  |  | |  |  ::| |||          |  |       |::        |    |
Db  367  MNGICEVVLTCSVDGGGNNVYTTWMPLQNKAVMSQGKSHLNVSWESGEHLPNFTCTAHNP  426

Qy  179  VSRNFSSPILARKLCEG  195
            :       |          |
Db  427  VS-NSSSQFSSGTICSG  442
```

RESULT 7

```
ID   LY9_MOUSE      STANDARD;      PRT;     654 AA.
AC   Q01965; Q9ES29; Q9ES35; Q9ES36;
DT   01-JUN-1994, integrated into UniProtKB/Swiss-Prot.
DT   20-JUN-2002, sequence version 2.
DT   07-MAR-2006, entry version 51.
DE   T-lymphocyte surface antigen Ly-9 precursor (Lymphocyte antigen 9)
DE   (Cell-surface molecule Ly-9).
GN   Name=Ly9; Synonyms=Ly-9;
OS   Mus musculus (Mouse).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurognathi;
OC   Muroidea; Muridae; Murinae; Mus.
OX   NCBI_TaxID=10090;
RN   [1]
RP   NUCLEOTIDE SEQUENCE, AND POLYMORPHISM.
RC   STRAIN=129/Sv, BALB/c, and C57BL/6; TISSUE=Spleen;
RX   MEDLINE=2024510; PubMed=10970093; DOI=10.1007/s002510000209;
RA   Tovar V., de la Fuente M.A., Pizcueta P., Bosch J., Engel P.;
RT   "Gene structure of the mouse leukocyte cell surface molecule Ly9.";
RL   Immunogenetics 51:788-793(2000).
RN   [2]
RP   NUCLEOTIDE SEQUENCE OF 22-654, AND PROTEIN SEQUENCE OF 48-59.
RX   MEDLINE=9373005; PubMed=1506686;
RA   Sandrin M.S., Gumley T.P., Henning M.M., Vaughan H.A., Gonez L.J.,
RA   Trapani J.A., McKenzie I.F.C.;
RT   "Isolation and characterization of cDNA clones for mouse Ly-9.";
RL   J. Immunol. 149:1636-1641(1992).
CC   -!- FUNCTION: May participate in adhesion reactions between T
CC       lymphocytes and accessory cells by homophilic interaction.
CC   -!- SUBCELLULAR LOCATION: Membrane; single-pass type I membrane
CC       protein.
CC   -!- TISSUE SPECIFICITY: Lymphocytes.
CC   -!- SIMILARITY: Contains 2 Ig-like C2-type (immunoglobulin-like)
CC       domains.
CC   -!- SIMILARITY: Contains 2 Ig-like V-type (immunoglobulin-like)
CC       domains.
CC   -----------------------------------------------------------------------
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC   -----------------------------------------------------------------------
DR   EMBL; AF244131; AAG14997.1; -; mRNA.
DR   EMBL; AF244130; AAG14996.1; -; mRNA.
DR   EMBL; AF246701; AAG13268.2; -; Genomic_DNA.
DR   EMBL; AF245117; AAG13268.2; JOINED; Genomic_DNA.
DR   EMBL; AF245506; AAG13268.2; JOINED; Genomic_DNA.
DR   EMBL; AF245118; AAG13268.2; JOINED; Genomic_DNA.
DR   EMBL; AF245507; AAG13268.2; JOINED; Genomic_DNA.
DR   EMBL; AF245508; AAG13268.2; JOINED; Genomic_DNA.
DR   EMBL; AF245509; AAG13268.2; JOINED; Genomic_DNA.
DR   EMBL; AF245510; AAG13268.2; JOINED; Genomic_DNA.
DR   EMBL; AF246699; AAG13268.2; JOINED; Genomic_DNA.
DR   EMBL; AF246700; AAG13268.2; JOINED; Genomic_DNA.
DR   EMBL; M84412; AAA39468.1; -; mRNA.
DR   HSSP; P08921; 1HNG.
DR   Ensembl; ENSMUSG00000004707; Ly9.
DR   MGI; MGI:96885; Ly9.
DR   GO; GO:0005615; C:extracellular space; TAS.
DR   GO; GO:0016021; C:integral to membrane; TAS.
DR   InterPro; IPR003599; Ig.
DR   InterPro; IPR007110; Ig-like.
DR   InterPro; IPR013151; Immunoglobulin.
DR   InterPro; IPR013106; V-set.
DR   Pfam; PF00047; ig; 1.
DR   Pfam; PF07686; V-set; 1.
DR   SMART; SM00409; IG; 2.
DR   PROSITE; PS50835; IG_LIKE; 2.
KW   Antigen; Cell adhesion; Direct protein sequencing; Glycoprotein;
KW   Immunoglobulin domain; Membrane; Polymorphism; Repeat; Signal;
KW   Transmembrane.
FT   SIGNAL        1     47
FT   CHAIN        48    654       T-lymphocyte surface antigen Ly-9.
FT                                /FTId=PRO_0000014852.
FT   TOPO_DOM     48    453       Extracellular (Potential).
FT   TRANSMEM    454    474       Potential.
FT   TOPO_DOM    475    654       Cytoplasmic (Potential).
FT   DOMAIN       48    158       Ig-like V-type 1.
FT   DOMAIN      159    243       Ig-like C2-type 1.
FT   DOMAIN      250    362       Ig-like V-type 2.
FT   DOMAIN      353    453       Ig-like C2-type 2.
FT   CARBOHYD     68     68       N-linked (GlcNAc...)  (Potential).
FT   CARBOHYD    120    120       N-linked (GlcNAc...)  (Potential).
FT   CARBOHYD    231    231       N-linked (GlcNAc...)  (Potential).
FT   CARBOHYD    284    284       N-linked (GlcNAc...)  (Potential).
FT   CARBOHYD    390    390       N-linked (GlcNAc...)  (Potential).
FT   CARBOHYD    412    412       N-linked (GlcNAc...)  (Potential).
FT   CARBOHYD    423    423       N-linked (GlcNAc...)  (Potential).
FT   CARBOHYD    434    434       N-linked (GlcNAc...)  (Potential).
FT   DISULFID    172    242       Potential.
FT   DISULFID    178    222       Potential.
FT   DISULFID    376    445       Potential.
FT   DISULFID    382    426       Potential.
FT   VARIANT      10     10       D -> G (in Ly9-1).
FT   VARIANT      14     14       G -> S (in Ly9-1).
FT   VARIANT      79     79       I -> T (in Ly9-1).
FT   VARIANT      91     91       H -> Y (in Ly9-1).
FT   VARIANT     130    130       I -> T (in Ly9-1).
FT   VARIANT     139    139       P -> S.
FT   VARIANT     362    362       K -> N (in Ly9-1).
FT   VARIANT     366    366       E -> K (in Ly9-1).
FT   VARIANT     377    377       M -> I (in Ly9-1).
FT   VARIANT     550    550       G -> E (in Ly9-1).
FT   VARIANT     592    592       F -> L (in Ref. 2).
FT   CONFLICT    283    283       T -> P (in Ref. 2).
FT   CONFLICT    499    499       V -> L (in Ref. 2).
FT   CONFLICT    560    560
```

```
FT   CONFLICT     647    647       TPTYENFT -> SPYL (in Ref. 2).
SQ   SEQUENCE     654 AA;  73143 MW;  1CBBE99708AE8EE7 CRC64;

Query Match            27.0%;      Score 288.5;  DB 1;  Length 654;
Best Local Similarity  36.5%;      Pred. No. 2.5e-17;
Matches    72;  Conservative  24;  Mismatches  92;  Indels  9;  Gaps  4;

Qy     5  KELVGSVGGAVTFPLKSK-VKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNR-----NRER   58
          |:|| ::|.|| |||||||  :.||:|||| :||||| |||||||  |||||
Db   254  KTVVGILGEPVTLPLEFRATRATKNVVWVFNTS--VISQPERRGAATADSRRKPKGSEERR  311

Qy    59  VDFPDGGYSLKLSKLKNDSGIYYVGIYSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSN   118
          |:|||  || :|.|: :|  ||  ||||  |:  : :  ||:|| ||
Db   312  VRTSDQDQSLKISQLKMEDAGPYHAYVCSEASRDPSVRHFTLLVVKRLEKPSVTKSPVHM  371

Qy   119  KNGTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNP  178
          ||| |  |:|   : :| | :|:|    ||||
Db   372  MNGICEVVLTCSVDGGGNNVTYTWMPLQNKAVMSQQKSHLNVSWESGEHLPNFTCTAHNP  431

Qy   179  VSRNFSSPPILARKLCEG  195
          |:|| ||  | ||
Db   432  VS-NSSSQFSSGTICSG   447


RESULT 8
SLAF9_HUMAN
ID   SLAF9_HUMAN    STANDARD;      PRT;    289 AA.
AC   Q96A28; Q5JRO9; Q5JRR0; Q6UWG1;
DT   11-OCT-2005, integrated into UniProtKB/Swiss-Prot.
DT   01-DEC-2001, sequence version 1.
DT   07-MAR-2006, entry version 29.
DE   SLAM family member 9 precursor (CD2 family member 10) (CD2F-10) (CD84
DE   homolog 1) (CD84-H1).
GN   Name=SLAMF9; Synonyms=CD2F10; ORFNames=UNQ1938/PRO4421;
OS   Homo sapiens (Human).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae;
OC   Homo.
OX   NCBI_TaxID=9606;
RN   [1]
RP   NUCLEOTIDE SEQUENCE [MRNA] (ISOFORM 1), FUNCTION, AND TISSUE
RP   SPECIFICITY.
RX   PubMed=11300479;
RX   Zhang W., Wan T., Li N., Yuan Z., He L., Zhu X., Yu M., Cao X.;
RT   "Genetic approach to insight into the immunobiology of human dendritic
RT   cells and identification of CD84-H1, a novel CD84 homologue.";
RL   Clin. Cancer Res. Suppl. 7:822-829(2001).
RN   [2]
RP   NUCLEOTIDE SEQUENCE [MRNA] (ISOFORM 1), AND TISSUE SPECIFICITY.
RX   MEDLINE=21541411; PubMed=11685473; DOI=10.1007/s002510100364;
RA   Fennelly J.A., Tiwari B., Davis S.J., Evans E.J.;
RT   "CD2F-10: a new member of the CD2 subset of the immunoglobulin
RT   superfamily.";
RL   Immunogenetics 53:599-602(2001).
RN   [3]
RP   NUCLEOTIDE SEQUENCE [LARGE SCALE MRNA] (ISOFORM 2).
RX   MEDLINE=22887296; PubMed=12975309; DOI=10.1101/gr.1293003;
RA   Clark H.F., Gurney A.L., Abaya E., Baker K., Baldwin D.T., Brush J.,
RA   Chen J., Chow B., Chui C., Crowley C., Currell B., Deuel B., Dowd P.,
RA   Eaton D., Foster J.S., Grimaldi C., Gu Q., Hass P.E., Heldens S.,
RA   Huang A., Kim H.S., Klimowski L., Jin Y., Johnson S., Lee J.,
RA   Lewis L., Liao D., Mark M.R., Robbie E., Sanchez C., Schoenfeld J.,
RA   Seshagiri S., Simmons L., Singh J., Smith V., Stinson J., Vagts A.,
RA   Vandlen R.L., Watanabe C., Wieand D., Woods K., Xie M.-H.,
RA   Yansura D.G., Yi S., Yu G., Yuan J., Zhang M., Zhang Z., Goddard A.D.,
RA   Wood W.I., Godowski P.J., Gray A.M.;
RT   "The secreted protein discovery initiative (SPDI), a large-scale
RT   effort to identify novel human secreted and transmembrane proteins: a
RT   bioinformatics assessment.";
RL   Genome Res. 13:2265-2270(2003).
RN   [4]
RP   NUCLEOTIDE SEQUENCE [LARGE SCALE GENOMIC DNA], AND VARIANT ILE-127.
RG   Human chromosome 1 international sequencing consortium;
RL   Submitted (MAY-2005) to the EMBL/GenBank/DDBJ databases.
RN   [5]
RP   NUCLEOTIDE SEQUENCE [LARGE SCALE MRNA] (ISOFORM 1).
RX   MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;
RA   Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA   Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA   Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA   Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA   Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA   Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA   Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RA   Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RA   Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gay L.J., Hulyk S.W.,
RA   Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA   Fahey J., Helton E., Ketteman M., Madan A., Rodrigues S., Sanchez A.,
RA   Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA   Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA   Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M.,
RA   Butterfield Y.S.N., Krzywinski M.I., Skalska U., Smailus D.E.,
RA   Schnerch A., Schein J.E., Jones S.J.M., Marra M.A.;
RT   "Generation and initial analysis of more than 15,000 full-length human
RT   and mouse cDNA sequences.";
RL   Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
CC   -!- FUNCTION: May play a role in the immune response.
CC   -!- SUBCELLULAR LOCATION: Membrane; single-pass type I membrane
CC       protein.
CC   -!- ALTERNATIVE PRODUCTS:
CC       Event=Alternative splicing; Named isoforms=2;
CC       Name=1;
CC         IsoId=Q96A28-1; Sequence=Displayed;
CC       Name=2;
CC         IsoId=Q96A28-2; Sequence=VSP_015819, VSP_015820;
CC   -!- TISSUE SPECIFICITY: Expression is predominantly restricted in
CC       hematopoietic tissues. Expressed in heart, spleen, liver,
CC       intestine, muscle and testis. Expressed in immune cells, including
CC       monocytes, dendritic, B, and T cells. No expression was seen in
CC       peripheral blood leukocytes. Expressed in the leukocyte cell line
CC       THP1-macrophage.
CC   -!- SIMILARITY: Contains 1 Ig-like C2-type (immunoglobulin-like)
CC       domain.
CC   -----------------------------------------------------------------------
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC   -----------------------------------------------------------------------
DR   EMBL; AF275725; AAK69052.1; -; mRNA.
DR   EMBL; AY034613; AAK61389.1; -; mRNA.
DR   EMBL; AY358801; AAQ89161.1; -; mRNA.
DR   EMBL; AL513485; CAI14607.1; -; Genomic_DNA.
DR   EMBL; AL513485; CAI14608.1; -; Genomic_DNA.
DR   EMBL; BC074754; AAH74754.1; -; mRNA.
DR   Ensembl; ENSG00000162723; Homo sapiens.
DR   HGNC; HGNC:18430; SLAMF9.
DR   MIM; 608589; gene.
DR   InterPro; IPR007110; Ig-like.
DR   PROSITE; PS50835; IG_LIKE; 1.
KW   Alternative splicing; Glycoprotein; Immunoglobulin domain; Membrane;
KW   Polymorphism; Signal; Transmembrane.
FT   SIGNAL         1     18       Potential.
FT   CHAIN         19    289       SLAM family member 9.
FT                                 /FTId=PRO_000042233
FT   TOPO_DOM      19    236       Extracellular (Potential).
FT   TRANSMEM     237    257       Potential.
FT   TOPO_DOM     258    289       Cytoplasmic (Potential).
FT   DOMAIN       136    210       Ig-like C2-type.
FT   CARBOHYD      99     99       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD     208    208       N-linked (GlcNAc...) (Potential).
FT   DISULFID     156    200       By similarity.
FT   VARSPLIC     131    131       R -> H (in isoform 2).
FT                                 /FTId=VSP_015819
FT   VARSPLIC     132    222       Missing (in isoform 2).
FT                                 /FTId=VSP_015820
FT   VARIANT      127    127       L -> I (in dbSNP:2789417).
```

```
FT
SQ   SEQUENCE    289 AA;   32436 MW;   2FB67EE8E4D18205 CRC64;   /FTId=VAR_023580.

Query Match          27.0%;    Score 288;   DB 1;   Length 289;
Best Local Similarity    34.0%;   Pred. No. 1e-17;
Matches    64;   Conservative    43;   Mismatches   75;   Indels    6;   Gaps    4;

Qy     5  KELVGSVGGAVTFPLK-SKVKQVDSIVWTFNTIPLVTIQP--EG--GTIIVTQNRNRERV   59
          |:|   .  :|| ::.    ||::. :|  |:: .  .    :|.  :  |::| | :|
Db    28  EEVAVLQESISLPLEIPPDEEVENIIWSSHKS-LAITVPGKEGHPATIMVTNPHYQGQV   86

Qy    60  DFPDGGYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNK  119
          |||   .||  |  |||   .|||.|||      || :| |::| ||:.|.| :|  |.|
Db    87  SFLDPSYSLHISNLSWEDSGLYQAQVNLRTSQISTMQQYNLCVYRWLSEPQITVNFESSG  146

Qy   120  NGTCVTNLTCCMEHGEEDVIYTWKALGQQAANESHNGSILPISWRWGESDMTPICVARNPV  179
          ||  :|| || |  .| |||: |||   |   ||| |:||::| ||:|||::|:|| .|
Db   147  EGACSMSLVCSVEKAGMDMTYSWLSRGDSTYTFHEGPVLSTSWRPGDSALSYTCRANNPI  206

Qy   180  SRNFSSPI  187
          | :||||:
Db   207  SNVSSCPI  214


RESULT 9
Q8C2D4_MOUSE
ID   Q8C2D4_MOUSE       PRELIMINARY;    PRT;    544 AA.
AC   Q8C2D4;
DT   01-MAR-2003, integrated into UniProtKB/TrEMBL.
DT   01-MAR-2003, sequence version 1.
DT   21-FEB-2006, entry version 26.
DE   2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched
DE   library, clone:E430026K15 product:lymphocyte antigen 9, full insert
DE   sequence.
GN   Name=Ly9;
OS   Mus musculus (Mouse)
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurognathi;
OC   Muroidea; Muridae; Murinae; Mus.
OX   NCBI_TaxID=10090;
RN   [1]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Thymus;
RX   MEDLINE=99279253; PubMed=10349636;  DOI=10.1016/S0076-6879(99)03004-9;
RA   Carninci P., Hayashizaki Y.;
RT   "High-efficiency full-length cDNA cloning.";
RL   Methods Enzymol. 303:19-44(1999).
RN   [2]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Thymus;
RX   MEDLINE=16141072; DOI=10.1126/science.1112014;
RA   Carninci P., Kasukawa T., Katayama S., Gough J., Frith M.C., Maeda N.,
RA   Oyama R., Ravasi T., Lenhard B., Wells C., Kodzius R., Shimokawa K.,
RA   Bajic V.B., Brenner S.E., Batalov S., Forrest A.R., Zavolan M.,
RA   Davis M.J., Wilming L.G., Aidinis V., Allen J.E.,
RA   Ambesi-Impiombato A., Apweiler R., Aturaliya R.N., Bailey T.L.,
RA   Bansal M., Baxter L., Beisel K.W., Bersano T., Bono H., Chalk A.M.,
RA   Chiu K.P., Choudhary V., Christoffels A., Clutterbuck D.R.,
RA   Crowe M.L., Dalla E., Dalrymple B.P., de Bono B., Della Gatta G.,
RA   di Bernardo D., Down T., Engstrom P., Fagiolini M., Faulkner G.,
RA   Fletcher C.F., Fukushima T., Furuno M., Futaki S., Gariboldi M.,
RA   Georgii-Hemming P., Gingeras T.R., Gojobori T., Green R.E.,
RA   Gustincich S., Harbers M., Hayashi Y., Hensch T.K., Hirokawa N.,
RA   Hill D., Huminiecki L., Iacono M., Ikeo K., Iwama A., Ishikawa T.,
RA   Jakt M., Kanapin A., Katoh M., Kawasawa Y., Kelso J., Kitamura H.,
RA   Kitano H., Kollias G., Krishnan S.P., Kruger A., Kummerfeld S.K.,
RA   Kurochkin I.V., Lareau L.F., Lazarevic D., Lipovich L., Liu J.,
RA   Liuni S., McWilliam S., Madan Babu M., Madera M., Marchionni L.,
RA   Matsuda H., Matsuzawa S., Miki H., Mignone F., Miyake S., Morris K.,
RA   Mottagui-Tabar S., Mulder N., Nakano N., Nakauchi H., Ng P.,
RA   Nilsson R., Nishiguchi S., Nishikawa S., Nori F., Ohara O.,
RA   Okazaki Y., Orlando V., Pang K.C., Pavan W.J., Pavesi G., Pesole G.,
RA   Petrovsky N., Piazza S., Reed J., Reid J.F., Ring B.Z., Ringwald M.,
RA   Rost B., Ruan Y., Salzberg S.L., Sandelin A., Schneider C.,
RA   Schonbach C., Sekiguchi K., Semple C.A., Seno S., Sessa L., Sheng Y.,
RA   Shibata Y., Shimada H., Shimada K., Silva D., Sinclair B.,
RA   Sperling S., Stupka E., Stupka E., Sultana R., Takenaka Y., Taki K.,
RA   Tammoja K., Tan S.L., Tang S., Taylor M.S., Tegner J., Teichmann S.A.,
RA   Ueda H.R., van Nimwegen E., Verardo R., Wei C.L., Yagi K.,
RA   Yamanishi H., Zabarovsky E., Zhu S., Zimmer A., Hide W., Bult C.,
RA   Grimmond S.M., Teasdale R.D., Liu E.T., Brusic V., Quackenbush J.,
RA   Wahlestedt C., Mattick J.S., Hume D.A., Kai C., Sasaki D., Tomaru Y.,
RA   Fukuda S., Kanamori-Katayama M., Suzuki M., Aoki J., Arakawa T.,
RA   Iida J., Imamura K., Itoh M., Kato T., Kawaji H., Kawagashira N.,
RA   Kawashima T., Kojima M., Kondo S., Konno H., Nakano K., Ninomiya N.,
RA   Nishio T., Okada M., Plessy C., Shibata K., Shiraki T., Suzuki S.,
RA   Tagami M., Waki K., Watahiki A., Okamura-Oho Y., Suzuki H., Kawai J.,
RA   Hayashizaki Y.;
RT   "The transcriptional landscape of the mammalian genome.";
RL   Science 309:1559-1563(2005).
RN   [3]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Thymus;
RX   PubMed=16141073; DOI=10.1126/science.1112009;
RG   RIKEN Genome Exploration Research Group, and Genome Science Group
RG   (Genome Network Core Team) and the FANTOM Consortium;
RT   "Antisense Transcription in the Mammalian Transcriptome.";
RL   Science 309:1564-1566(2005).
RN   [4]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Thymus;
RX   MEDLINE=22354683; PubMed=12466851; DOI=10.1038/nature01266;
RA   Okazaki Y., Furuno M., Kasukawa T., Adachi J., Bono H., Kondo S.,
RA   Nikaido I., Osato N., Saito R., Suzuki H., Yamanaka I., Kiyosawa H.,
RA   Yagi K., Tomaru Y., Hasegawa Y., Nogami A., Schonbach C., Gojobori T.,
RA   Baldarelli R., Hill D.P., Bult C., Hume D.A., Quackenbush J.,
RA   Schriml L.M., Kanapin A., Matsuda H., Batalov S., Beisel K.W.,
RA   Blake J.A., Bradt D., Brusic V., Chothia C., Corbani L.E., Cousins S.,
RA   Dalla E., Dragani T.A., Fletcher C.F., Forrest A., Frazer K.S.,
RA   Gaasterland T., Gariboldi M., Gissi C., Godzik A., Gough J.,
RA   Grimmond S., Gustincich S., Hirokawa N., Jackson I.J., Jarvis E.D.,
RA   Kanai A., Kawaji H., Kawasawa Y., Kedzierski R.M., King B.L.,
RA   Konagaya A., Kurochkin I.V., Lee Y., Lenhard B., Lyons P.A.,
RA   Maglott D.R., Maltais L., Marchionni L., McKenzie L., Miki H.,
RA   Nagashima T., Numata K., Okido T., Pavan W.J., Pertea G., Pesole G.,
RA   Petrovsky N., Pillai R., Pontius J.U., Qi D., Ramachandran S.,
RA   Ravasi T., Reed J.C., Reed D.J., Reid J., Ring B.Z., Ringwald M.,
RA   Sandelin A., Schneider C., Semple C.A., Setou M., Shimada K.,
RA   Sultana R., Takenaka Y., Taylor M.S., Teasdale R.D., Tomita M.,
RA   Verardo R., Wagner L., Wahlestedt C., Wang Y., Watanabe Y., Wells C.,
RA   Wilming L.G., Wynshaw-Boris A., Yanagisawa M., Yang I., Yang L.,
RA   Yuan Z., Zavolan M., Zhu Y., Zimmer A., Carninci P., Hayatsu N.,
RA   Hirozane-Kishikawa T., Konno H., Nakamura M., Sakazume N., Sato K.,
RA   Shiraki T., Waki K., Kawai J., Aizawa K., Arakawa T., Fukuda S.,
RA   Hara A., Hashizume W., Imotani K., Ishii Y., Itoh M., Kagawa I.,
RA   Miyazaki A., Sakai K., Sasaki D., Shibata K., Shinagawa A.,
RA   Yasunishi A., Yoshino M., Waterston R., Lander E.S., Rogers J.,
RA   Birney E., Hayashizaki Y.;
RT   "Analysis of the mouse transcriptome based on functional annotation of
RT   60,770 full-length cDNAs.";
RL   Nature 420:563-573 (2002).
RN   [5]
RP   NUCLEOTIDE SEQUENCE.
RC   STRAIN=NOD; TISSUE=Thymus;
RX   MEDLINE=21085660; PubMed=11217851;  DOI=10.1038/35055500;
RA   Kawai J., Shinagawa A., Shibata K., Yoshino M., Itoh M., Ishii Y.,
RA   Arakawa T., Hara A., Fukunishi Y., Konno H., Adachi J., Fukuda S.,
RA   Aizawa K., Izawa M., Nishi K., Kiyosawa H., Kondo S., Yamanaka I.,
RA   Saito T., Okazaki Y., Gojobori T., Bono H., Kasukawa T., Saito R.,
RA   Kadota K., Matsuda H.A., Ashburner M., Batalov S., Casavant T.,
RA   Fleischmann W., Gaasterland T., Gissi C., King B., Kochiwa H.,
RA   Kuehl P., Lewis S., Matsuo Y., Nikaido I., Pesole G., Quackenbush J.,
RA   Schriml L.M., Staubli F., Suzuki R., Tomita M., Wagner L., Washio T.,
RA   Sakai K., Okido T., Furuno M., Aono H., Baldarelli R., Barsh G.,
RA   Blake J., Boffelli D., Bojunga N., Carninci P., de Bonaldo M.F.,
RA   Brownstein M.J., Bult C., Fletcher C., Fujita M., Gariboldi M.,
```

```
Qy    119  KNGTCVTNLTCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNP  178
             ||| |    ||  ||   | |  ||   |  |  |  |  | | |  | |    |
Db    262  MNGICKVVLTCSVDGGGNNVTYTWMPLQNKAVMSQGKSHLNVSWESGEHLPNFTCTAHNP  321

Qy    179  VSRNFSSPILARKLCEG  195
             ||| |      ||   |
Db    322  VS-NSSSQFSSGTICSG  337


RESULT 10
ID    Q4VBG4_MOUSE            PRELIMINARY;     PRT;    654 AA.
AC    Q4VBG4;
DT    05-JUL-2005, integrated into UniProtKB/TrEMBL.
DT    05-JUL-2005, sequence version 1.
DT    21-FEB-2006, entry version 7.
DE    Ly9 protein.
GN    Name=Ly9;
OS    Mus musculus (Mouse).
OC    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC    Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia; Sciurognathi;
OC    Muroidea; Muridae; Murinae; Mus.
OX    NCBI_TaxID=10090;
RN    [1]
RP    NUCLEOTIDE SEQUENCE.
RC    STRAIN=NMRI; TISSUE=Mammary tumor. WAP-Tag model. 5 months old;
RX    MEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;
RA    Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,
RA    Klausner R.D., Collins F.S., Wagner L., Shenmen C.M., Schuler G.D.,
RA    Altschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,
RA    Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,
RA    Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
RA    Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,
RA    Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
RA    Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
RA    Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,
RA    Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
RA    Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,
RA    Fahey J., Helton E., Ketteman M., Madan A., Rodrigues S., Sanchez A.,
RA    Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
RA    Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,
RA    Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M.,
RA    Butterfield Y.S.N., Krzywinski M.I., Skalska U., Smailus D.E.,
RA    Schnerch A., Schein J.E., Jones S.J.M., Marra M.A.;
RT    "Generation and initial analysis of more than 15,000 full-length human
RT    and mouse cDNA sequences.";
RL    Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
RN    [2]
RP    NUCLEOTIDE SEQUENCE.
RC    STRAIN=NMRI; TISSUE=Mammary tumor. WAP-Tag model. 5 months old;
RG    NIH MGC Project;
RL    Submitted (MAY-2005) to the EMBL/GenBank/DDBJ databases.
CC    -----------------------------------------------------------------------
CC    Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC    Distributed under the Creative Commons Attribution-NoDerivs License
CC    -----------------------------------------------------------------------
DR    EMBL; BC095921; AAH95921.1; -; mRNA.
DR    MGI; MGI:96885; Ly9.
DR    GO; GO:0005615; C:extracellular space; RCA.
DR    GO; GO:0016021; C:integral to membrane; RCA.
DR    InterPro; IPR003599; Ig.
DR    InterPro; IPR007110; Ig-like.
DR    Pfam; PF00047; ig; 1.
DR    SMART; SM00409; IG; 2.
DR    PROSITE; PS50835; IG_LIKE; 2.
KW    Immunoglobulin domain; Membrane; Transmembrane.
SQ    SEQUENCE  654 AA;  73154 MW;  8C3ABFB571482B2C CRC64;

Query Match             26.9%;  Score 287.5;  DB 2;  Length 654;
Best Local Similarity   36.5%;  Pred. No. 3.1e-17;
Matches  72;  Conservative  24;  Mismatches  92;  Indels  9;  Gaps  4;
```

```
RA    Gustincich S., Hill D., Hofmann M., Hume D.A., Kamiya M., Lee N.H.,
RA    Lyons P., Marchionni L., Mashima J., Mazzarelli J., Mombaerts P.,
RA    Nordone P., Ring B., Ringwald M., Rodriguez I., Sakamoto N.,
RA    Sasaki H., Sato K., Schoenbach C., Seya T., Shibata Y., Storch K.-F.,
RA    Suzuki H., Toyo-oka K., Wang K.H., Weitz C., Whittaker C., Wilming L.,
RA    Wynshaw-Boris A., Yoshida K., Hasegawa Y., Kawaji H., Kohtsuki S.,
RA    Hayashizaki Y.;
RT    "Functional annotation of a full-length mouse cDNA collection.";
RL    Nature 409:685-690(2001).
RN    [6]
RP    NUCLEOTIDE SEQUENCE.
RC    STRAIN=NOD; TISSUE=Thymus;
RX    MEDLINE=20499374; PubMed=11042159; DOI=10.1101/gr.145100;
RA    Carninci P., Shibata Y., Hayatsu N., Sugahara Y., Shibata K., Itoh M.,
RA    Konno H., Okazaki Y., Muramatsu M., Hayashizaki Y.;
RT    "Normalization and subtraction of cap-trapper-selected cDNAs to
RT    prepare full-length cDNA libraries for rapid discovery of new genes.";
RL    Genome Res. 10:1617-1630(2000).
RN    [7]
RP    NUCLEOTIDE SEQUENCE.
RC    STRAIN=NOD; TISSUE=Thymus;
RX    MEDLINE=20530913; PubMed=11076861; DOI=10.1101/gr.152600;
RA    Shibata K., Itoh M., Aizawa K., Nagaoka S., Sasaki N., Carninci P.,
RA    Konno H., Akiyama J., Nishi K., Kitsunai T., Tashiro H., Itoh M.,
RA    Sumi N., Ishii Y., Nakamura S., Hazama M., Nishine T., Harada A.,
RA    Yamamoto R., Matsumoto H., Sakaguchi S., Ikegami T., Kashiwagi K.,
RA    Fujiwake S., Inoue K., Togawa Y., Ishikawa T., Ohara E., Watahiki M.,
RA    Yoneda Y., Ishikawa T., Ozawa K., Tanaka T., Matsuura S., Kawai J.,
RA    Okazaki Y., Muramatsu M., Inoue Y., Kira A., Hayashizaki Y.;
RT    "RIKEN integrated sequence analysis (RISA) system-384-format
RT    sequencing pipeline with 384 multicapillary sequencer.";
RL    Genome Res. 10:1757-1771(2000).
RN    [8]
RP    NUCLEOTIDE SEQUENCE.
RC    STRAIN=NOD; TISSUE=Thymus;
RA    Adachi J., Aizawa K., Akimura T., Arakawa T., Bono H., Carninci P.,
RA    Fukuda S., Furuno M., Hanagaki T., Hara A., Hashizume W.,
RA    Hayashida K., Hayatsu N., Hiramoto K., Hiraoka T., Hirozane T.,
RA    Hori F., Imotani K., Ishii Y., Itoh M., Kagawa I., Kasukawa T.,
RA    Katoh H., Kawai J., Kojima Y., Kondo S., Konno H., Kouda M., Koya S.,
RA    Kurihara C., Matsuyama T., Miyazaki A., Murata M., Nakamura M.,
RA    Nishi K., Nomura K., Numazaki H., Ohno M., Ohsato N., Okazaki Y.,
RA    Saito R., Saitoh H., Sakai C., Sakai K., Sakazume N., Sano H.,
RA    Sasaki D., Shibata K., Shinagawa A., Shiraki T., Sogabe Y., Tagami M.,
RA    Tagawa A., Takahashi F., Takaku-Akahira S., Takeda T., Tanaka T.,
RA    Tomaru A., Toya T., Yasunishi A., Muramatsu M., Hayashizaki Y.;
RL    Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.
CC    -----------------------------------------------------------------------
CC    Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC    Distributed under the Creative Commons Attribution-NoDerivs License
CC    -----------------------------------------------------------------------
DR    EMBL; AK088815; BAC40591.1; -; mRNA.
DR    Ensembl; ENSMUSG00000004707; Mus musculus.
DR    MGI; MGI:96885; Ly9.
DR    GO; GO:0005615; C:extracellular space; RCA.
DR    GO; GO:0016021; C:integral to membrane; RCA.
DR    InterPro; IPR007110; Ig-like.
DR    InterPro; IPR013151; Immunoglobulin.
DR    PROSITE; PS50835; IG_LIKE; 2.
KW    Immunoglobulin domain.
SQ    SEQUENCE  544 AA;  61161 MW;  A4EED977F3B25914 CRC64;

Query Match             26.9%;  Score 287.5;  DB 2;  Length 544;
Best Local Similarity   36.5%;  Pred. No. 2.4e-17;
Matches  72;  Conservative  24;  Mismatches  92;  Indels  9;  Gaps  4;

Qy     5  KELVGSVGGAVTFPLKSK-VKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNR-----NRER   58
           |:|| | || |   |  :| :||  ||  |    ||  | |   ||| |
Db   144  KTVVGILGEPVTLPLEFRATRATKNVVWVFNTS--VISQERRGAATADSRRKPKGSEERR  201

Qy    59  VDFPDGGYSLKLSKLKLKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSN  118
           |:|| :| :||  ||| |   :|||  |:| :||:|||:||  || | |  :|   | | |
Db   202  VRTSDQDQSLKISQLKMEDAGPYHAYVCSEASRDPSVRHFTLLVYKRLEKPSVTNSPVHM  261
```

```
Qy    5 KELVGSVGGAVTFPLKSK-VKQVDSIVWTFNTTPLVTIQPEGGTIIVTQNR----NRER  58
          :|||.:|| || .:| ||  .: ::||:|||:|   : :|||.|||:
Db  254 KTVVGILGEPVTLPLEFRATRATKNVVWFNTS--VISQERRGAATADSRRKPKGSEERR 311

Qy   59 VDFPDGGYSLKLSKLKKNDSGIYYVGIYVSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSN 118
           :   .||:| :||:|:: : |||| |   :. ||:|||: |:|.:| ||:||||:|:||:
Db  312 VRTSDQDQSLKISQLKMEDAGPYHAYVCSEASRDPSVRHFTLLVYKRLEKPSVTNSPVHM 371

Qy  119 KQNGTCVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNP 178
          .:| .|| || |   .:.| || :  : ||| :: .|:| |: :| |.:|:|| :||.:||
Db  372 MNGICKVVLTCSVDGGGNVTVTWMPLQNKAVMSQGKSHLNVSWESGEHLPNFTCTAHNP 431

Qy  179 VSRNFSSPILARKLCEG 195
          ||  | :.| | :.|.|
Db  432 VS-NSSSQFSSGTICSG 447
```

RESULT 11
Q9UIB6_HUMAN
ID   Q9UIB6_HUMAN   PRELIMINARY;   PRT;   241 AA.
AC   Q9UIB6;
DT   01-MAY-2000, integrated into UniProtKB/TrEMBL.
DT   01-MAY-2000, sequence version 1.
DT   21-FEB-2006, entry version 26.
DE   Leukocyte differentiation antigen CD84 isoform CD84s (CD84 antigen)
DE   (Leukocyte antigen).
GN   Name=CD84; ORFNames=RP11-528G1.3-006;
OS   Homo sapiens (Human).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae;
OC   Homo.
OX   NCBI_TaxID=9606;
RN   [1]
RP   NUCLEOTIDE SEQUENCE.
RA   Palou E., Sole J., Pirotto F., Gaya A.;
RL   Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases.
RN   [2]
RP   NUCLEOTIDE SEQUENCE.
RA   Lad H.;
RL   Submitted (MAY-2005) to the EMBL/GenBank/DDBJ databases.
CC   ---
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC   ---
DR   EMBL; AF054818; AAF21724.1; -; mRNA.
DR   EMBL; AL138930; CAI15163.1; -; Genomic_DNA.
DR   GO; GO:0016021; C:integral to membrane; IEA.
DR   InterPro; IPR003599; Ig.
DR   InterPro; IPR007110; Ig-like.
DR   SMART; SM00409; IG; 1.
DR   PROSITE; PS50835; IG_LIKE; 1.
KW   Immunoglobulin domain.
SQ   SEQUENCE   241 AA; 26902 MW; F0121BC1609B6C52 CRC64;

Query Match   26.7%; Score 284.5; DB 2; Length 241;
Best Local Similarity   34.6%; Pred. No. 1.7e-17;
Matches   66; Conservative   33; Mismatches   81; Indels   11; Gaps   4;

```
Qy    9 GSVGGAVTFPLK-SKVKQVDSIVWTFNTTPLVTIQPEGGT---IIVTQNRNRERVDFPDG  64
         | :|.||||| :  :|  |::|  |:..:.:..| |||:||   .: |.:.
Db   31 GILGESVTFPVNIQEPRQVKIIAWTSKTSVAYVTPGDSETAPVVTVTHRNYYERIHALGP  90

Qy   65 GYSLKLSKLKKNDSGIYYVGIYVSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKNGTCV 124
         .|.|:.|.|::.|:| |   | :  .:  .:| : .::|..|.||:|| |.. :.:..||
Db   91 NYNLVISDLRMEDAGDYKADINTQADPYTTTKRYNLQIYRRLGKPKITQSLMASVNSTCN 150

Qy  125 TNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVSRNFS 184
          .|.||..: .| .:. .  .|.| :. .| |:| | |  .| : .: :|.:|||||.:.|
Db  151 VTLITCSVEKEEKNVTVNWSPLGE-----EGNVLQIFQTPEDQELLYTCTAQNPVSNN-S 203

Qy  185 SPILARKLCEG 195
          | |:||:||.|
Db  204 DSISARQLCAG 214
```

RESULT 12
Q5VYH7_HUMAN
ID   Q5VYH7_HUMAN   PRELIMINARY;   PRT;   602 AA.
AC   Q5VYH7;
DT   07-DEC-2004, integrated into UniProtKB/TrEMBL.
DT   07-DEC-2004, sequence version 1.
DT   21-FEB-2006, entry version 16.
DE   Lymphocyte antigen 9.
GN   Name=LY9; ORFNames=RP11-312J18.1-003;
OS   Homo sapiens (Human).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae;
OC   Homo.
OX   NCBI_TaxID=9606;
RN   [1]
RP   NUCLEOTIDE SEQUENCE.
RA   Van Hellmond Z.;
RL   Submitted (MAY-2005) to the EMBL/GenBank/DDBJ databases.
RN   [2]
RP   NUCLEOTIDE SEQUENCE.
RA   Holt K.;
RL   Submitted (MAY-2005) to the EMBL/GenBank/DDBJ databases.
CC   ---
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC   ---
DR   EMBL; AL354714; CAH72361.1; -; Genomic_DNA.
DR   EMBL; AL121985; CAH72361.1; JOINED; Genomic_DNA.
DR   EMBL; AL121985; CAH73511.1; -; Genomic_DNA.
DR   EMBL; AL354714; CAH73511.1; JOINED; Genomic_DNA.
DR   Ensembl; ENSG00000122224; Homo sapiens.
DR   InterPro; IPR003599; Ig.
DR   InterPro; IPR007110; Ig-like.
DR   InterPro; IPR013106; V-set.
DR   SMART; SM00409; IG; 2.
DR   PROSITE; PS50835; IG_LIKE; 2.
KW   Immunoglobulin domain.
SQ   SEQUENCE   602 AA; 66313 MW; A523310869435DA5 CRC64;

Query Match   26.6%; Score 283.5; DB 2; Length 602;
Best Local Similarity   34.7%; Pred. No. 6.4e-17;
Matches   67; Conservative   34; Mismatches   87; Indels   5; Gaps   3;

```
Qy    7 LVGSVGGAVTFPLK-SKVKQVDSIVWTFNTTPLVTIQPEGGT---IIVTQNRNRERVDFP  62
         :.| :.| |||| |  |: | |:  |:..|.:  | ||||:||   .|:|:::.:|.|  :
Db  217 VVGVLGEPVTLPLALPACRDTEKVVWLFNTSIISKEREEAATADPLIKSRDPYKNRVWVS 276

Qy   63 DGGYSLKLSKLKKNDSGIYYVGIYVSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKNGT 122
          .   |||.|:| ::| . |   |    |:. ||: .|:  : .|.||:||  | .:.: |
Db  277 SQDCSLKISQLKIEDAGPYHAYVCSEASSVTSMTHVTLLIYRRLRKPKITWSLRHSEDGI 336

Qy  123 CVTNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVSRN 182
         | :.|||..| ..| |: .   .| |:: .| |:| | |  .| .  | :|.:|||||..
Db  337 CRISLTCSVEDGGNTVMYTWTPLQKEAVVSQGESHLNVSWRSSENHPNLTCTASNPVSRS 396

Qy  183 FSSPILARKLCEG 195
         .|  | | ::|.|
Db  397 -SHQFLSENICSG 408
```

RESULT 13
LY9_HUMAN
ID   LY9_HUMAN   STANDARD;   PRT;   655 AA.
AC   Q9HBG7; Q14775; Q5VTI3; Q9H4N5; Q9NQ24;
DT   20-JUN-2002, integrated into UniProtKB/Swiss-Prot.
DT   19-JUL-2005, sequence version 3.
DT   07-MAR-2006, entry version 34.
DE   T-lymphocyte surface antigen Ly-9 precursor (lymphocyte antigen 9)
DE   (Cell-surface molecule Ly-9) (CD229 antigen).
GN   Name=LY9; ORFNames=CDABP0070;
OS   Homo sapiens (Human).

```
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae;
OC   Homo.
OX   NCBI_TaxID=9606;
RN   [1]
RP   NUCLEOTIDE SEQUENCE [MRNA] (ISOFORM 1).
RX   MEDLINE=2042510; PubMed=1097093; DOI=10.1007/s002510000209;
RA   Tovar V., de la Fuente M.A., Pizcueta P., Bosch J., Engel P.;
RT   "Gene structure of the mouse leukocyte cell surface molecule Ly9.";
RL   Immunogenetics 51:788-793(2000).
RN   [2]
RP   NUCLEOTIDE SEQUENCE [LARGE SCALE GENOMIC DNA].
RX   MEDLINE=9612824; PubMed=8537117;
RA   Sandtin M.S., Henning M.M., Lo M.F., Baker E., Sutherland G.R.,
RA   McKenzie I.F.;
RT   "Isolation and characterization of cDNA clones for Humly9: the human
RT   homologue of mouse Ly9.";
RL   Immunogenetics 43:13-19(1996).
RN   [4]
RP   NUCLEOTIDE SEQUENCE [LARGE SCALE MRNA] OF 99-655 (ISOFORM 3).
RC   TISSUE=Leukemia;
RA   Zhou J., Yu W., Tang H., Mei G., Tsang Y.T.M., Bouck J., Gibbs R.A.,
RA   Margolin J.F.;
RT   "Pediatric leukemia cDNA sequencing project.";
RL   Submitted (JUL-2000) to the EMBL/GenBank/DDBJ databases.
CC   -!- FUNCTION: May participate in adhesion reactions between T
CC       lymphocytes and accessory cells by homophilic interaction.
CC   -!- SUBCELLULAR LOCATION: Membrane; single-pass type I membrane
CC       protein.
CC   -!- ALTERNATIVE PRODUCTS:
CC       Event=Alternative splicing; Named isoforms=3;
CC         Comment=Experimental confirmation may be lacking for some
CC         isoforms;
CC       Name=1;
CC         IsoId=Q9HBG7-1; Sequence=Displayed;
CC       Name=2;
CC         IsoId=Q9HBG7-2; Sequence=VSP_002525;
CC       Name=3;
CC         IsoId=Q9HBG7-3; Sequence=VSP_002524, VSP_002525, VSP_002526;
CC   -!- SIMILARITY: Contains 2 Ig-like C2-type (immunoglobulin-like)
CC       domains.
CC   -!- SIMILARITY: Contains 2 Ig-like V-type (immunoglobulin-like)
CC       domains.
CC   ----------------------------------------------------------------------
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC   ----------------------------------------------------------------------
DR   EMBL; AF244129; AAG14995.1; -; mRNA.
DR   EMBL; AL354714; CAH72360.1; -; Genomic_DNA.
DR   EMBL; AL121985; CAH72360.1; JOINED; Genomic_DNA.
DR   EMBL; AL121985; CAH73509.1; -; Genomic_DNA.
DR   EMBL; AL354714; CAH73509.1; JOINED; Genomic_DNA.
DR   EMBL; L42621; AAA92623.1; -; mRNA.
DR   EMBL; AY007142; AAG02002.1; -; mRNA.
DR   Ensembl; ENSG00000122224; Homo sapiens.
DR   HGNC; 6730; LY9.
DR   MIM; 600684; gene.
DR   GO; GO:0005887; C:integral to plasma membrane; ISS.
DR   GO; GO:0016064; P:humoral defense mechanism (sensu Vertebrata); NAS.
DR   InterPro; IPR003599; Ig.
DR   InterPro; IPR007110; Ig-like.
DR   InterPro; IPR013106; Ig-like.
DR   Pfam; PF07686; V-set; 2.
DR   SMART; SM00409; IG; 2.
DR   PROSITE; PS50835; IG_LIKE; 2.
KW   Alternative splicing; Antigen; Cell adhesion; Glycoprotein;
KW   Immunoglobulin domain; Membrane; Repeat; Signal; Transmembrane.
FT   SIGNAL        1     47       Potential.
FT   CHAIN        48    655       T-lymphocyte surface antigen Ly-9.
FT   TOPO_DOM     48    454       Extracellular (Potential).
FT   TRANSMEM    455    476       Potential.
FT   TOPO_DOM    477    655       Cytoplasmic (Potential).
FT   DOMAIN       48    158       Ig-like V-type 1.
FT   DOMAIN      159    235       Ig-like C2-type 1.
FT   DOMAIN      251    363       Ig-like V-type 2.
FT   DOMAIN      364    452       Ig-like C2-type 2.
FT   CARBOHYD     68     68       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD     95     95       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD    120    120       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD    169    169       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD    173    173       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD    285    285       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD    413    413       N-linked (GlcNAc...) (Potential).
FT   CARBOHYD    424    424       N-linked (GlcNAc...) (Potential).
FT   DISULFID    172    242       Potential.
FT   DISULFID    178    222       Potential.
FT   DISULFID    377    446       Potential.
FT   DISULFID    383    427       Potential.
FT   VARSPLIC    359    448       Missing (in isoform 3).
FT                                /FTId=VSP_002524.
FT   VARSPLIC    500    513       Missing (In isoform 2 and isoform 3).
FT                                /FTId=VSP_002525.
FT   VARSPLIC    524    554       PARQQPPTSDSSDSNLTTEEDEDRPBVHK -> Q (in
FT                                isoform 3).
FT                                /FTId=VSP_002526.
FT   CONFLICT    171    171       Missing (In Ref. 1).
FT   CONFLICT    602    602       M -> V (in Ref. 1 and 3).
FT   CONFLICT    633    633       Q -> QV (in Ref. 2).
SQ   SEQUENCE   655 AA;  72139 MW;  84ABA3056D69E80A CRC64;

Query Match             26.6%;  Score 283.5;  DB 1;  Length 655;
Best Local Similarity   34.7%;  Pred. No. 7.1e-17;
Matches   67;  Conservative   34;  Mismatches   87;  Indels    5;  Gaps    3;

Qy          7 LVGSVGAVTFPLK-SKVKQVDSIVWTFNTTPLVTIQPEGGT---IIVTQNRNRERVDFP 62
              ||:|:||| :|   |||:::||:|::    :||:|||
Db        257 VVGLGEPVTLPLALPACRDTEKVVWLFNTSIISKEREEAATADPLIKSRDPYKNRVWVS 316

Qy         63 DGGYSLKLSKLKKNDSGIYYVGIYYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKNGT 122
              ||||:|||:|  : ::|| || ||||   :::|:|            ||
Db        317 SQDCSLKISQLKIEDAGPYHAVVCSEASSVTSMTHVTLLIYRRLRKPKITWSLRHSEDGI 376

Qy        123 CVTNLTCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVSRN 182
              :||||| ||: |:|| ||:| |  |::: |||    ::
Db        377 CRISLTCSVEDGGGNTVMTWTPLQKEAVVSQGESHLNVSWRSSENHPNLTCTASNPVSRS 436

Qy        183 FSSPILARKLCEG 195
              |:|: :|:|
Db        437 -SHQFLSENICSG 448
```

RESULT 14

```
Q9UIB7_HUMAN
ID   Q9UIB7_HUMAN            PRELIMINARY;     PRT;   272 AA.
AC   Q9UIB7;
DT   01-MAY-2000, integrated into UniProtKB/TrEMBL.
DT   01-MAY-2000, sequence version 1.
DT   21-FEB-2006, entry version 26.
DE   Leukocyte differentiation antigen CD84 isoform CD84d (CD84 antigen)
DE   (Leukocyte antigen).
GN   Name=CD84; ORFNames=RP11-528G1.3-004;
OS   Homo sapiens (Human).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae;
OC   Homo.
OX   NCBI_TaxID=9606;
RN   [1]
RP   NUCLEOTIDE SEQUENCE.
RA   Palou E., Sole J., Pirotto F., Gaya A.;
RL   Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases.
RN   [2]
```

```
RP  NUCLEOTIDE SEQUENCE.
RA  Lad H.;
RL  Submitted (MAY-2005) to the EMBL/GenBank/DDBJ databases.
CC  -----------------------------------------------------------------------
CC  Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC  Distributed under the Creative Commons Attribution-NoDerivs License
CC  -----------------------------------------------------------------------
DR  EMBL; AF054817; AAF21723.1; -; mRNA.
DR  EMBL; AL138930; CAI15161.1; -; Genomic_DNA.
DR  Ensembl; ENSG00000066294; Homo sapiens.
DR  GO; GO:0016021; C:integral to membrane; IEA.
DR  InterPro; IPR003599; Ig.
DR  InterPro; IPR007110; Ig-like.
DR  SMART; SM00409; IG; 1.
DR  PROSITE; PS50835; IG_LIKE; 1.
KW  Immunoglobulin domain.
SQ  SEQUENCE   272 AA;  30514 MW;  6A2E13AA4E22E13E CRC64;

Query Match             26.3%;  Score 280.5;  DB 2;  Length 272;
Best Local Similarity   34.2%;  Pred. No. 4.6e-17;
Matches   66;  Conservative   33;  Mismatches   83;  Indels  11;  Gaps   4;

Qy    9 GSVGGAVTFPLK-SKVKQVDSIVWTFNTTPLVTIQPEGGT---IIVTQNRNRERVDFPDG  64
Db   31 GILGESVTFPVNIQEPRQVKIIAWTSKTSVAYVTPGDSETAPVVTVTHRNYYERIHALGP  90

Qy   65 GYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKNGTCV 124
Db   91 NYNLVISDLRMEDAGDYKADINTQADPYTTKRYNLQIYRRLGKPKITQSLMASVNSTCN  150

Qy  125 TNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVSRNFS 184
Db  151 VTLTCSVEKEEKNVTYNWSPLGE------EGNVLQIFQTPEDQELTYTCTAQNPVSNN-S 203

Qy  185 SPILARKLCEGAA 197
Db  204 DSISARQLCADIA 216


RESULT 15
095660_HUMAN
ID   095660_HUMAN   PRELIMINARY;   PRT;    280 AA.
AC   095660;
DT   01-MAY-1999, integrated into UniProtKB/TrEMBL.
DT   01-MAY-1999, sequence version 1.
DT   21-FEB-2006, entry version 25.
DE   CD84 antigen (Leukocyte antigen).
GN   Name=CD84; ORFNames=RP11-528G1.3-005;
OS   Homo sapiens (Human).
OC   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC   Mammalia; Eutheria; Euarchontoglires; Primates; Catarrhini; Hominidae;
OC   Homo.
OX   NCBI_TaxID=9606;
RN   [1]
RP   NUCLEOTIDE SEQUENCE.
RA   Palou E., Freed J.H., Sole J., Pi A., Vilella A., Vives J., Gaya A.;
RL   Submitted (APR-1997) to the EMBL/GenBank/DDBJ databases.
RN   [2]
RP   NUCLEOTIDE SEQUENCE.
RA   Lad H.;
RL   Submitted (MAY-2005) to the EMBL/GenBank/DDBJ databases.
CC   ----------------------------------------------------------------------
CC   Copyrighted by the UniProt Consortium, see http://www.uniprot.org/terms
CC   Distributed under the Creative Commons Attribution-NoDerivs License
CC   ----------------------------------------------------------------------
DR   EMBL; U96627; AAD04232.1; -; mRNA.
DR   EMBL; AL138930; CAI15162.1; -; Genomic_DNA.
DR   Ensembl; ENSG00000066294; Homo sapiens.
DR   GO; GO:0016021; C:integral to membrane; IEA.
DR   InterPro; IPR003599; Ig.
DR   InterPro; IPR007110; Ig-like.
DR   SMART; SM00409; IG; 1.
DR   PROSITE; PS50835; IG_LIKE; 1.
```

```
KW  Immunoglobulin domain.
SQ  SEQUENCE   280 AA;  31651 MW;  A043E048E762A718 CRC64;

Query Match             26.3%;  Score 280.5;  DB 2;  Length 280;
Best Local Similarity   34.2%;  Pred. No. 4.7e-17;
Matches   66;  Conservative   33;  Mismatches   83;  Indels  11;  Gaps   4;

Qy    9 GSVGGAVTFPLK-SKVKQVDSIVWTFNTTPLVTIQPEGGT---IIVTQNRNRERVDFPDG  64
Db   31 GILGESVTFPVNIQEPRQVKIIAWTSKTSVAYVTPGDSETAPVVTVTHRNYYERIHALGP  90

Qy   65 GYSLKLSKLKKNDSGIYYVGIYSSSLQQPSTQEYVLHVYEHLSKPKVTMGLQSNKNGTCV 124
Db   91 NYNLVISDLRMEDAGDYKADINTQADPYTTKRYNLQIYRRLGKPKITQSLMASVNSTCN  150

Qy  125 TNLTCCMEHGEEDVIYTWKALGQAANESHNGSILPISWRWGESDMTFICVARNPVSRNFS 184
Db  151 VTLTCSVEKEEKNVTYNWSPLGE------EGNVLQIFQTPEDQELTYTCTAQNPVSNN-S 203

Qy  185 SPILARKLCEGAA 197
Db  204 DSISARQLCADIA 216


Search completed: July  5, 2006, 10:22:43
Job time : 299 secs
```